ervice Manua

Colour Television

TC-1785DRS

Chassis No. Z3T

specifications

'ower Source:

220 volts, 50 Hz, AC

'ower Consumption:

80 W

\erial Impedance:

75 Ω unbalanced, coaxial

type

Receiving Channels:

VHF CH2-CH12 S1-3,

M1-10, U1-9 UHF CH21-CH69

ntermediate

requency:

Video 38.9 MHz Sound 33.4 MHz Colour 34.47 MHz

/ideo/Audio erminals:

21 pin IN

Video 1 Vp-p 75 Ω

Audio 0.67

Vrms, 47k Ω

21 pin OUT

Video 1 Vp-p 75 Ω

Audio 0.67 Vrms (100% modulation) 1k Ω

'icture Tube:

A41EAM01X01

(44 cm) measured diagonally, 90° deflection Picture Tube

Anode Voltage:

 $25.0 \text{ kV} \pm 1.5 \text{ kV}$

Speaker:

10 cm, 8 Ω, Round

Sound Output:

3 Watts maximum

Dimensions:

Height: 389 mm

Width: 430 mm Depth: 424 mm

Vet Weight:

14.8 kg

Technische Daten

Netzspannung:

220 V Wechselspannung,

50 Hz

Leistungaufnahme:

80 W

Antennenanschluß:

DIN-Buchse, koaxial, 75 ohm impedanz unsymmetrisch

Empfangskanäle:

VHF CH-2-CH12, S1-3,

M1-10, U1-9, UHF CH21-CH69

Zwischenfrequenzez:

Bildträger, 38,9 MHz Tonträger, 33,4 MHz

Farbhilfsträger, 34.47 MHz

Video/Audio Anschlüsse:

21-poliger

Eingang

21 pin-poliger

Audio 0.67 Vrms,

47k Ω

Ausgang

Video 1 Vs-s 75 Ω

Video 1 Vs-s 75 Ω

Audio 0.67 Vrms (100%

modulation) 1k Ω

Bildröhre:

A41EAM01X01

(44 cm) Schirmdiagonale

90 Ablenkung

Hochspannung:

 $25.0 \text{ kV} \pm 1.5 \text{ kV}$

Lautsprecher:

10 cm, 8 Ω , Rund

Tonausgangs-

leistung:

3 W (Maximalleistung)

Amessungen:

 $389 \times 430 \times 424 \, \text{mm}$

Gewicht:

14.8 kg

anasonic

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SAFETY PRECAUTIONS

GENERAL GUIDE LINES

- 1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
- When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields and isolation R-C combinations, are properly installed.
- When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.
- 5. Potential, as high as 25.0 kV, is present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.
- After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Turn on the receiver's power switch.
- 3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screwheads, aerials, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 4 $M\Omega$ and 20 $M\Omega.$ When the exposed metal does not have a return path to the chassis, the reading must be $\infty.$

SICHERHEITS-VORKEHRUNGEN

ALLGEMEINE RICHTLINIEN

- Es ist empfehlenswert, einen Trenntransformator in die Stromversorgung zu schalten, bevor Reparaturen an einem Gerät vorgenommer werden, dessen Chassis unter Spannung steht
- 2. Bei der Durchführung von Servicearbeiten dürfer die ursprünglichen Kabelanschlüsse nicht vertauscht werden, dies gilt insbesondere für die Anschlüsse im Hochspannungsteil. Hat sich eir Kurzschluß ereignet, dann sind alle Teile, ar denen Spuren von Überhitzung sichtbar sind auszuwechseln.
- 3. Nach Beenden der Servicearbeiten ist sicher zustellen, daß alle Sicherheitsvorrichtungen, wie Isolationsstege, Isolationspapiere, Abschirm ungen und Isolations R.C. Glieder wieder richtig eingesetzt sind.
- 4. Wenn der Fernseher während längerer Zeit nicht ir Betrieb gesetzt wird, sollte der Netzstecker aus der Netzsteckdose gezogen werden.
- 5. Spannungen von bis zu 25.0 kV sind vorhanden wenn dieser Fernseher in Betrieb ist. Die Inbetriebnahme des Fernsehers ohne aufgesetzte Rückwand bringt die Gefahr eines elektrischer Schlages von der Fernseher Stromversorgung mit sich. Servicearbeiten sollten daher auch nie durch Personen versucht werden, die nicht ir vollem Umfang mit den Sicherheitsvorkehrunger beim Umgang mit Hochspannungsgeräter vertraut sind. Vor der Handhabung mit der Bildröhre ist die Anode der Bildröhre immer an dem Empfängerchassis zu entladen.
- Nach Beenden der Servicearbeiten sind die folgenden Kriechstrom-Prüfungen durchzuführen, um den Kunden vor der Gefahr eines elektrischer Schlages zu schützen.

MESSUNG DES ISOLATIONSWIDERSTANDES IM ABGESCHALTETEN ZUSTAND

- 1. Den Netzstecker aus der Netzsteckdose ziehen und die beiden Steckerstifte kurzschließen.
- 2. Den Geräteschalter des Fernsehgerätes einschalten.
- 3. Mit einem Ohmmeter den Widerstandswert zwischen dem überbrückten Netzkabelstecker und jedem zugänglichen Metallteil am Gehäuse des Fernsehgerätes, wie Schraubenköpfe, Antennen, Achsen der Regler, Griffassungen usw.messen. Wenn ein zugängliches Metallteil eine Rückleitung zum Chassis hat, sollte die Anzeige zwischen 4 M Ω und 20 M Ω betragen. Wenn ein zugängliches Metallteil keine Rückleitung zum Chassis hat, muß die Anzeige α betragen.

EAKAGE CURRENT HOT CHECK (See Fig. 1)

- . Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
- . Connect a 2 k Ω , 10 W resistor, in series with an exposed metallic part on the receiver and an earth such as water pipe.
- Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- . Check each exposed metallic part, and measure the voltage at each point.
- . Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- . The potential at any point should not exceed 1.4 volts RMS. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

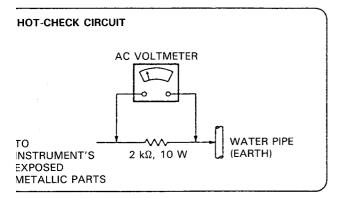


Fig. 1

-RADIATION

VARNING:

- . The potential sources of X-Radiation in TV sets are the High Voltage section and the picture tube.
- . When using a picture tube test jig for service, ensure that jig is capable of handling 25.0 kV without causing X-Radiation.

IOTE: It is important to use an accurate periodically calibrated high voltage meter.

- . Set the brightness to minimum.
- . Set the service switch to the SERVICE position.
- . Measure the High Voltage. The meter reading should indicate 25.0 kV \pm 1.5 kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
- To prevent an X-Radiation possibility, it is essential to use the specified tube.

MESSUNG DES KRIECHSTROMS IM EINGE-SCHALTETEN ZUSTAND (Siehe Abb. 1)

- Den Netzstecker direkt in eine Netzsteckdose stecken. Für diese Messung keinen Trenntransformator verwenden.
- 2. Einen 2 k $\Omega/10$ W-Widerstand in Serie mit einem von außen zugänglichen Metallteil am Fernsehgerät und einer guten, Erdung z.B. Wasserleitung, anschließen.
- 3. Ein Wechselstrom-Voltmeter mit einmen Meßbereich von 1000 Ohm/Volt oder größer verwenden, um die Spannung über den Widerstand zu messen.
- 4. Jedes zugänglich Metallteil prüten, und an jedem Punkt die Spannung messen.
- 5. Den Netzstecker umgekehrt in die Steckdose stecken und jede der obigen Messungen wiederholen.
- 6. Die Spannung darf an keinem, der Punkte 1.4 V eff. überschreiten. Wird dieser Wert nicht eingehalten, besteht die Gefahr eines elektrischen Schlages, und das Fernsehgerät sollte daher repariert und nachgeprüft werden, bevor es an den Kunden zurückgegeben wird.

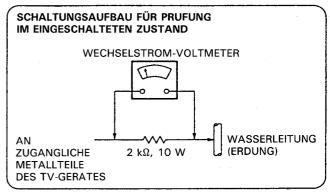


Abb. 1

RÖNTGENSTRAHLUNG

ACHTUNG:

- Potentielle Quellen von Röntgenstrahlung in Fernsehgeräten sind das Hochspannungsteil und die Bildröhre.
- 2. Bei Verwendung eines Bildröhren-Prüfgerätes für den Service ist sicherzustellen, daß es für die Belastung von 25.0 kV geeignet ist, ohne daß eine Röntgenstrahlung verursacht wird.

ANMERKUNG: Es ist wichtig, daß ein präzises, regelmäßig geprüftes Voltmeter verwendet wird.

- 1. Helligkeit auf Minimum stellen.
- 2. Den Service-Schalter in die "SERVICE"-Position stellen.
- 3. Die Hochspannung messen. Die Anzeige des Instrumentes sollite 25.0 kV ± 1.5, betragen. Falls die Anzeige diese Toleranzgrenzen überschreitet, ist sofortige die Behebung nötig, um die Möglichkeit vorzeitigen Komponentenausfalls zu verhüten.
- 4. Um die Möglichkeit von Röntgenstrahlung zu begrenzen, ist es wichtig, daß nur die vorgeschriebene Bildröhre verwendet wird.

SHUT DOWN CIRCUIT TEST

This test must be made as a final check before the set is returned to the customer.

- 1. With the rear cover removed, supply nominal 220 V AC to the set, turn on the power switch.
- 2. Receive a Philips pattern.
- 3. Supply 45 V DC to TPE7, and confirm that the shut down circuit does not operate.
- 4, Supply 65 V DC to TPE7, and confirm that the shut down circuit operates.

TEST KURZSCHLUSS-SICHERHEITSSCHALTUNG

Dieser Test muß als letzte Prüfung vor der Rückgabe des Gerätes an den Kunden durchgeührt werden.

- 1. Bei abgenommener Rückwand ist dem Gerät 220 V Nennspannung zuzuführen, und der Geräteschalter einzuschalten.
- 2. Ein Philips-Muster empfangen.
- 3. Gleichspannung von 45 V an TPE7 einspeisen daß die sicherstellen, und Kurzschluß-Sicherheitsschaltung nicht anspricht.
- 4. Gleichspannung von 65 V an TPE7 einspeisen und sich vergewissern, daß die Kurzschluß-Sicherheitsschaltung jetzt anspricht.

LOCATION OF CONTROLS

KONTROLLANLAGE

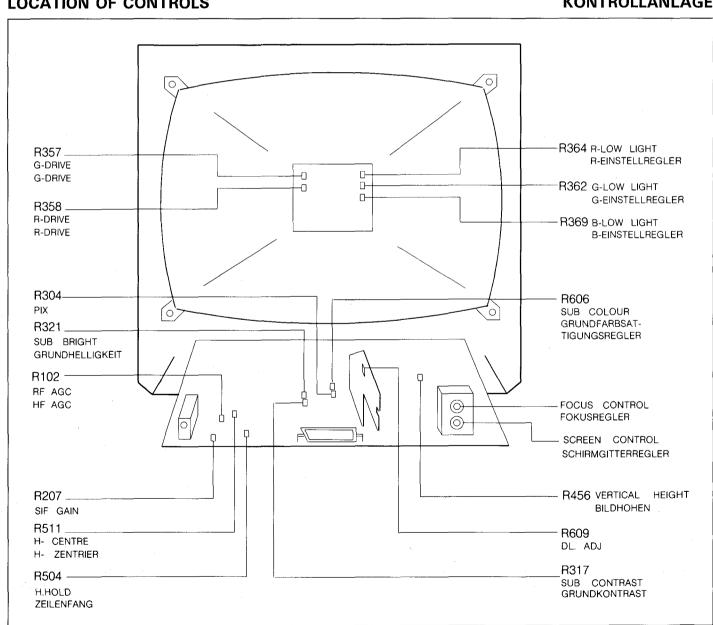


Fig. 2 Abb. 2

SERVICE HINTS

Removal of E-Board

lote:

f the following procedure is not carried out, damage nay occur to E-Board when attempting removal.

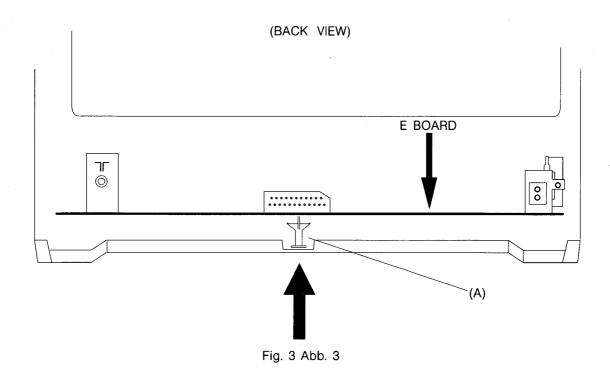
- I. Using a small screwdriver release the Pcb retaining clip (A) as shown in fig. 3 and 4.
- 2. To remove the Pcb from the cabinet, lift the Pcb and pull backwards see fig. 5.

WARTUNGSHINWEISE

Ausbau der E-Platine hinweis

Die folgenden hinweis unbedingt beachten, um beschädigungen dere-platine zu vermeiden.

- 1. Mit einem schmalen schraubendreher den platinenhelter (A) nach oben drücken, wie in Abb. 3 und 4 gezeigt.
- 2. Die platine anhaben und aus dem gehäuse herausziehen, wie in Abb. 5 gezeigt.



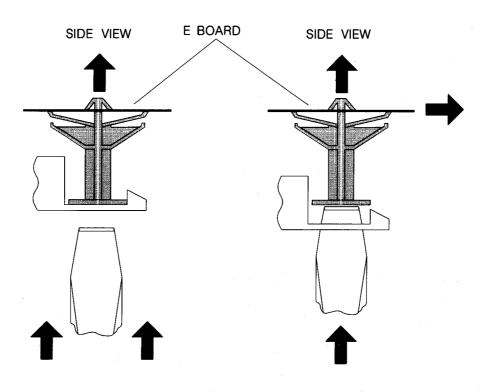


Fig. 4 Abb. 4

Fig. 5 Abb. 5

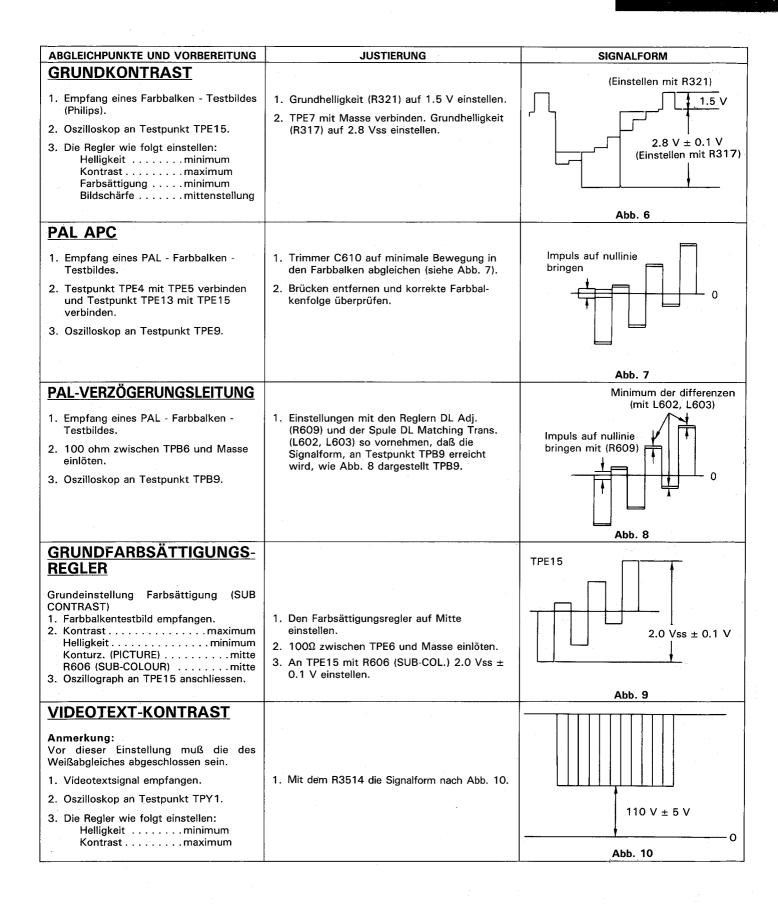
ADJUSTMENTS

ITEM/PREPARATION	ADJUSTMENT PROCEDURE			
B VOLTAGE				
1. Operate the TV set.	Confirm the indicated test points for the specified voltage.			
2. Set controls: Brightminimum Contrastminimum Sub-Brightminimum	TPE1: $118.7 \pm 1.5 \text{ V}$ TPE5: $12.0 \pm 1.0 \text{ V}$ TPE2: $5.0 \pm 1 \text{ V}$ TPE10: $187 \pm 10.0 \text{ V}$ TPE3: $25.6 \pm 2.0 \text{ V}$ TPE12: $8.8 \pm 1.0 \text{ V}$ TPE4: $16.0 \pm 1.0 \text{ V}$			
AFC				
1. Operate the TV set.	1. Adjust L102 so that voltage at TPE22 becomes $6.0 \pm 0.3 \text{ V}$.			
2. Set a channel in UHF band.	2. Change the frequency and confirm the voltage as shown below.			
3. Supply 38.9 MHz continuous wave to TP of Tuner.	+100 kHz: less than 5.0 V -100 kHz: more than 7.0 V			
4. Connect a DVM to TPE22.				
RF AGC				
1. Receive a colour bar pattern.	1. Turn RF AGC control (R102) fully clockwise.			
2. Set the input level to 66 dB \pm 2 dB (75 Ω open). 3. Connect an oscilloscope to TPE9 with DC mode.	Slowly turn R102 counterclockwise to set it at the point just before voltage at TPE9 drops.			
HIGH VOLTAGE				
 Operate the TV set. Set controls: 	1. Confirm that the high voltage is within a range of 25.0 kV + 1.5 kV, -1.5 kV.			
Bright minimum Contrast minimum Sub-Bright minimum	Note: If the high voltage is out of tolerance, confirm that voltage at zero beam current (Bright, Contrast and Colour controls to their minimum positions) within the above tolerance.			
TELETEXT CLOCK				
1. Operate the TV set and confirm the +B voltage.	1. Adjust C3528. Reading of the counter: 6.01 MHz ± 200 Hz.			
2. Connect a frequency counter to TPT6.				
3. Earth TPT5.				

JUSTIERUNGEN

ABGLEICHPUNKTE UND VORBEREITUNG	JUSTIERUNG					
VERSORGUNGSSPANNUNG B						
TV einschalten. Die Regler wie folgt einstellen: Helligkeit minimum Kontrast minimum Grundhelligkeitsregler . minimum	Die Messungen an den Testpunkten sollen folgende Betriebsspannungen ergeben. TPE1: 118.7 ± 2.0 V TPE5: 12.0 ± 1.0 V TPE2: 5.0 ± 1.0 V TPE10: 187 ± 10.0 V TPE3: 25.6 ± 2.0 V TPE12: 8.8 ± 1.0 V TPE4: 16.0 ± 1.0 V					
AFC						
 TV einschalten. Kanal im UHF-Bereich wählen. Meßsender auf 38.9 MHz einstellen und an den Tuner-Testpunkt anschließen. DVM an TPE22 anschließen. 	 Spule L102 so abgleichen, daß die Gleichspannung am TPE22 6.0 V ± 0.1 V beträgt. Die Frequenz ändern, und die Spannung wie folgt kontrollieren: + 100 kHz: Kleiner als 5 V - 100 kHz: Größer als 7.0 V 					
RF ÁGC						
 Empfang eines Farbbalken - Testbildes. Das Eingangssignal soll mit 66 dB ± 2 dB (75Ω eingespeist werden). Oszilloskop an TPE9 in DC-Funktion anklemmen. 	 Der Regler RF AGC (R102) ist auf Rechtsanschlag zu stellen. Den Regler R102 so einstellen, daß er kurz vor dem Punkt steht, an dem der Messwert an TPE9 absinkt. 					
HOCHSPANNUNG 1. TV einschalten. 2. Die Regler wie folgt einstellen: Helligkeit minimum Kontrast minimum Grundhelligkeitsregler . minimum	Die Hochspannung darf bei 25.0 kV eine Toleranz von + 1.5 kV und - 1.5 kV haben. Anmerkung: Falls die Hochspannung außerhalb der Toleranz liegt, bitte bei minimaler Helligkeit, Kontrast und Farbsättigung prüfen, ob sie innerhalb der Toleranz ist.					
VIDEOTEXT-CLOCK-OSZILLATOR						
 TV einschalten und Betriebsspannung +B prüfen. Frequenzzähler an TPT6 anschließen. TPT5 auf Masse klemmen. 	1. C3528 einstellen, Ablesung des Zählers: 6.01 MHz ± 200 Hz.					

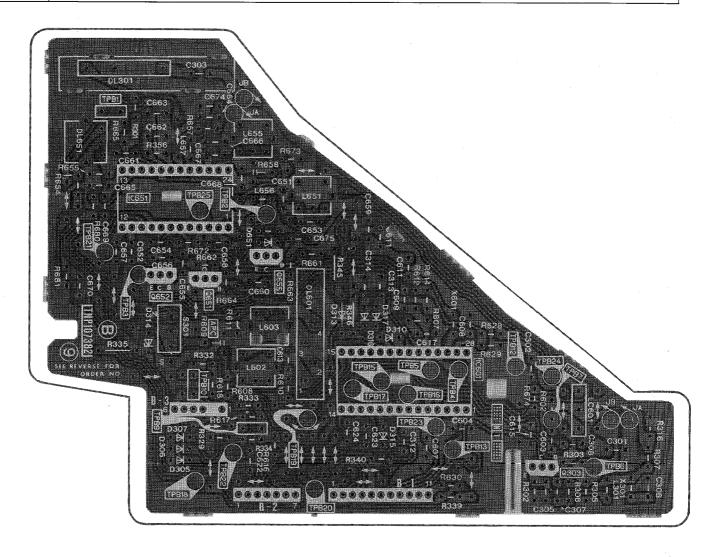
ITEM/PREPARATION	ADJUSTMENT PROCEDURE	WAVEFORM
SUB CONTRAST		(Adjust by R321)
Receive a colour bar pattern (Philips). Connect an oscilloscope to TPE15. Set controls: Bright minimum Contrast maximum Colour minimum Picture centre	 Adjust Sub-Bright (R321) for 1.5 V higher than black level. Connect link between TPE7 and earth. Adjust sub-contrast (R317) for 2.8 V p-p. Remove link from TPE7. 	2.8 V o - p±0.1 V (Adjust by R317)
		Fig. 6
 PAL APC Receive a PAL colour bar pattern. Connect jumper between TPE4 and TPE5, TPB13 and TPB15. Connect oscilloscope to TPE9. 	1. Adjust APC trimmer (C610) to obtain stationary or slowly moving colour bars as Fig. 7. 2. Remove link and confirm colour bars are stationary.	Adjust this level to zero 0
		Fig. 7
 PAL DELAY LINE Receive a PAL colour bar pattern. Connect a 100Ω resistor across TPB6 and ground. Connect an oscilloscope to TPB9. 	1. Adjust DL Adj. (R609) and DL Matching Trans. (L602, L603) to obtain waveform at TBP9 as shown in Fig. 8.	Minimize the differences (by L602, L603) Adjust this level to zero (by R609) Fig. 8
SUB COLOUR 1. Receive a PAL colour bar pattern. 2. Set controls:	1. Set colour DAC to centre. 2. Adjust sub colour (R606). For 2.0 V pp ± 0.1 V at TPE15 as shown in Fig. 9.	2.0 V pp ± 0.1 V
TELETEXT CONTRAST Note: Before this adjustment is attempted, white balance adjustment must be finished. 1. Receive a teletext signal. 2. Connect an oscilloscope to TPY1. 3. Set controls: bright minimum contrast maximum	Adjust R3514 to obtain the waveform as shown in Fig. 10.	110 V ± 5 V Fig. 10



CONDUCTOR VIEW B-BOARD TNP 107382AC

ANSICHT DER LEITERBAHNEN PLATINE B TNP 107382AC

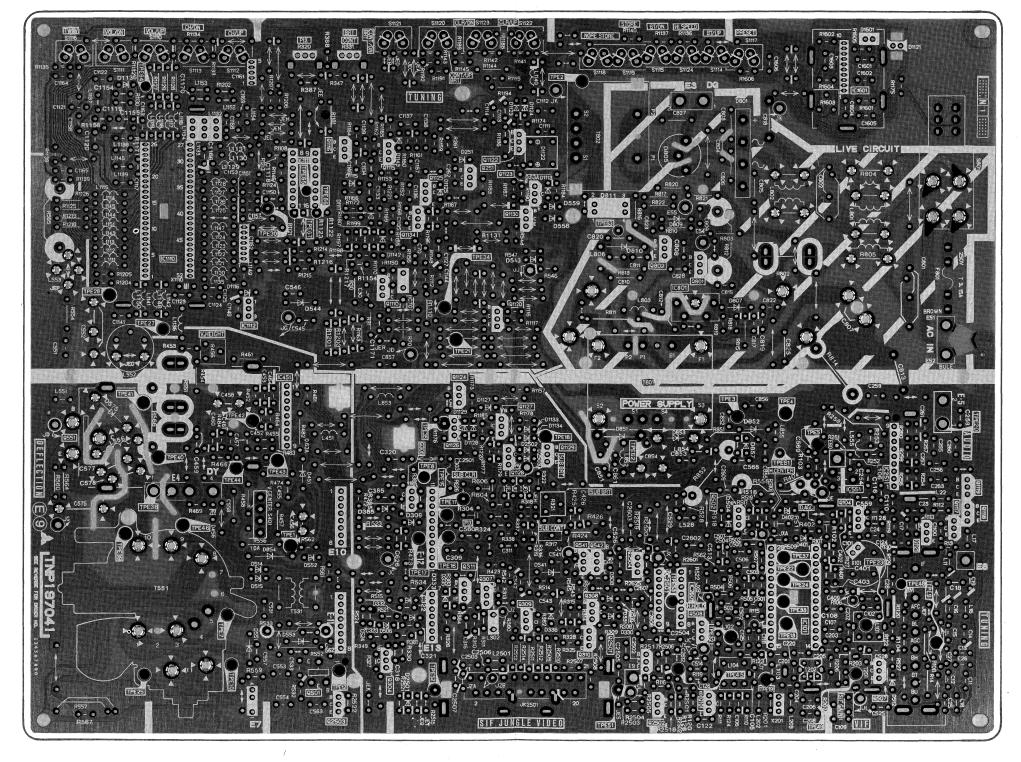
I.C.			IC651				IC601			
TRANSISTOR		Q6	552 Q651	Q655	,			0303		
DIODES		D3	14 D307 D306 D305	D651	,	D313 D316 D317				
TEST POINTS	TPB1 TPB21	ТРВ3	TPB25	TPB2 TPB9 TPB22	TPB19 TPB20	TPB15 TPB17 TPB16	TPB5 TPB4 TPB23 TPB13	TPB12 TPB24 TPB7	ТРВ6	



PLATINE E TNP 197041AF

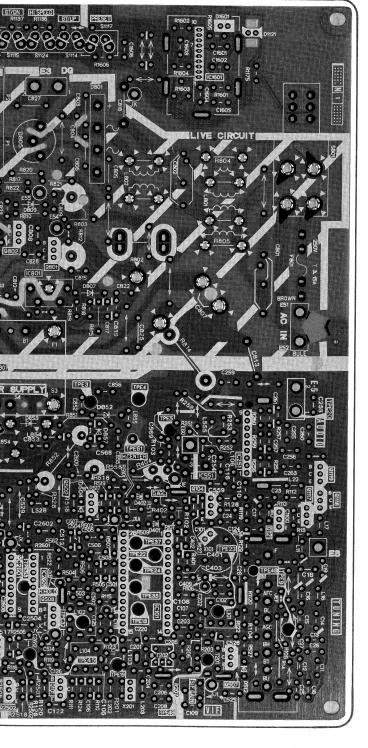
E-BOARD TNP 197041AF

101			IC1110	10111		C1111								10001			IC1601			
I.C.'s				IC111	IC45	1		IC7	70					IC801 IC2601		IC101	IC551	IC251		
TRANSISTORS	Q551						Q1116 Q1117 Q2503	Q1110 7 Q1110 Q304		51 Q1120	Q1122 Q1123 Q1130 Q1128 Q11	Q541 Q54	Q:	Q802 Q801 2504 2501 Q2502 Q101			Q104		Q1121 Q1	Q1119 117 Q1118
DIODES		D1136 D575		D1116 D551	6 D854 D514 D515	D451 D552	DS	506		D1127 9D1128	D1113 D558 D1133D559 D1134 D2502 D33	I D3	811 D810 D851 D508 330 331	D809 D853	D801 D807 D852	D401	C	D512	21	
TEST POINTS				TPE10	TPE1		TPE12		TPE15 TPE17 TPE16			TPE2			TPE3 TPE4	TPE	5			



PLATINE E TNP 197041AF

IC801		10	C1601		
C2601		IC101	IC551	IC251	
Q802 Q801 504 501 Q2502 Q101			Q104	Q507	Q1119 Q1121 Q1117 Q1118
D809 D853	D801 D807 D852	D401	D	1601 D1 D512	
	TPE3 TPE4	TPE5			



SCHEMATIC DIAGRAM FOR MODEL TC-1785DRS (Z3T Chassis)

ZEICHENERKLÄRUNG FÜR MODELL TC-1785DRS (Z3T Chassis)

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Wichtiger Sicherheitsinweis

Teile, die mit einen Hinweis A gekennzeichnet sind, sind wichtig für die Sicherheit. Sollte ein Auswechseln erforderlich sein, sind unbedingt Originalteile einzusetzen.

NOTES:

1. RESISTOR

All resistors are carbon 1/4W resistor, unless marked as

Unit of resistance is OHM (Ω) (K = 1,000, M = 1,000,000).

O: Nonflammable

☑ : Metal Oxide

△ : Solid $\ \ \square$: Wire Wound

: Metal Film 🗴 : Fuse

2. CAPACITOR

All capacitors are ceramic 50 V capacitor, unless marked as

Unit of capacitance is μF , unless otherwise noted.

(X): Temperature Compensation *# : Electrolytic : Bipolar

M : Polyesterm : Metalized Poly⊠ : Polypropylene : Metalized Polvester

: Dipped Tantalum : Z-Type

3. COIL

Unit of inductance is µH, unless otherwise noted.

- 4. Components marked "()" on the schematic diagram shows lead-less parts.
- 5. TEST POINT

Q: Test Point position

6. EARTH SYMBOL

். Chassis Earth (Cold)

上: Line Earth (Hot)

7. VOLTAGE MEASUREMENT

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

Receiving Signal Colour Bar signal (RF) All the other customer's controls.....maximum

- 8. -: Indicates the major signal flow.
- 9. This schematic diagram is the latest at the time of printing and subject to change without notice.

REMARKS:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions. All circuits, except the Power Circuit, are cold.

- a. Do not touch the hot part or the hot and cold parts at the same time as you are liable to a shock hazard.
- b. Do not short-circuit the hot and cold circuits as electrical components may be damaged.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously, as this may cause fuse failure. Connect the earth of instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the

ANMERKUNG:

1. WIDERSTÄNDE

Alle 1/4 Watt Widerstände sind Kohlewiderstände, Abweichungen sind wie folgt gekennzeichnet:

Die Maßeinheit ist OHM (Ω) (K = 1,000, M = 1,000,000).

o : Nicht brennbar $\Delta \,:\, \textbf{Lastwiderstand}$

☑ : Metall Oxyd O: Metall Film (X): Sicherung

☑ : Draht 2. KONDENSATOREN

Alle Kondensatoren sind Keramikausfürungen.

Spannungsfestigkeit 50 V, Abweichungen sind wie folgt gekennzeichnet.

Die Maßeinheit ist µF, wenn keine anderen Bezeichnungen genannt sind.

Kompensation

+#-: Elektrolyt #்# :Bipolar ①: Tantal 🗷 : Z-Typ

M: Polyester : Metallisches Polvester

Die Maßeinheit ist µH, Abweichungen sind gekennzeichnet.

4. Mit "(L)" gekennzeichnete Teile sind ohne Anschlußdrähte.

5. TESTPUNKTE

: Kennzeichnung der Testpunktposition.

6. MASSESYMBOL

7. SPANNUNGSMESSUNG

Spannungsmessungen sind mit einem DC-Voltmeter durchzuführen.

Die Meßbedingungen sind folgende:

Wiedergabe Signal Farbbalken-Testbild Alle übrigen Einstellungen für Benutzer Sollangaben

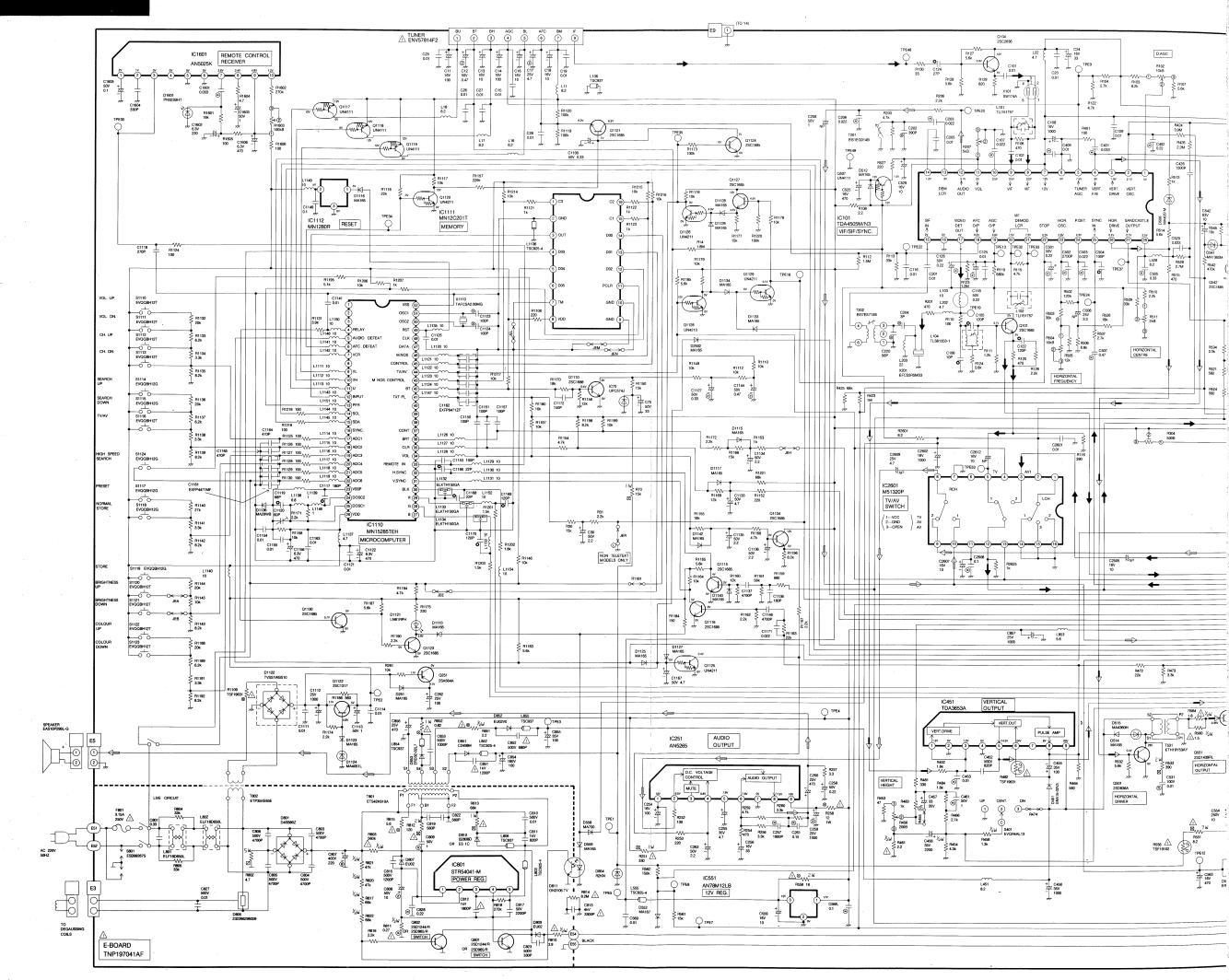
- 8. : Kennzeichnung zur Signalverfolgung.
- 9. Anderungen im Laufe der Fertigung sind möglich.

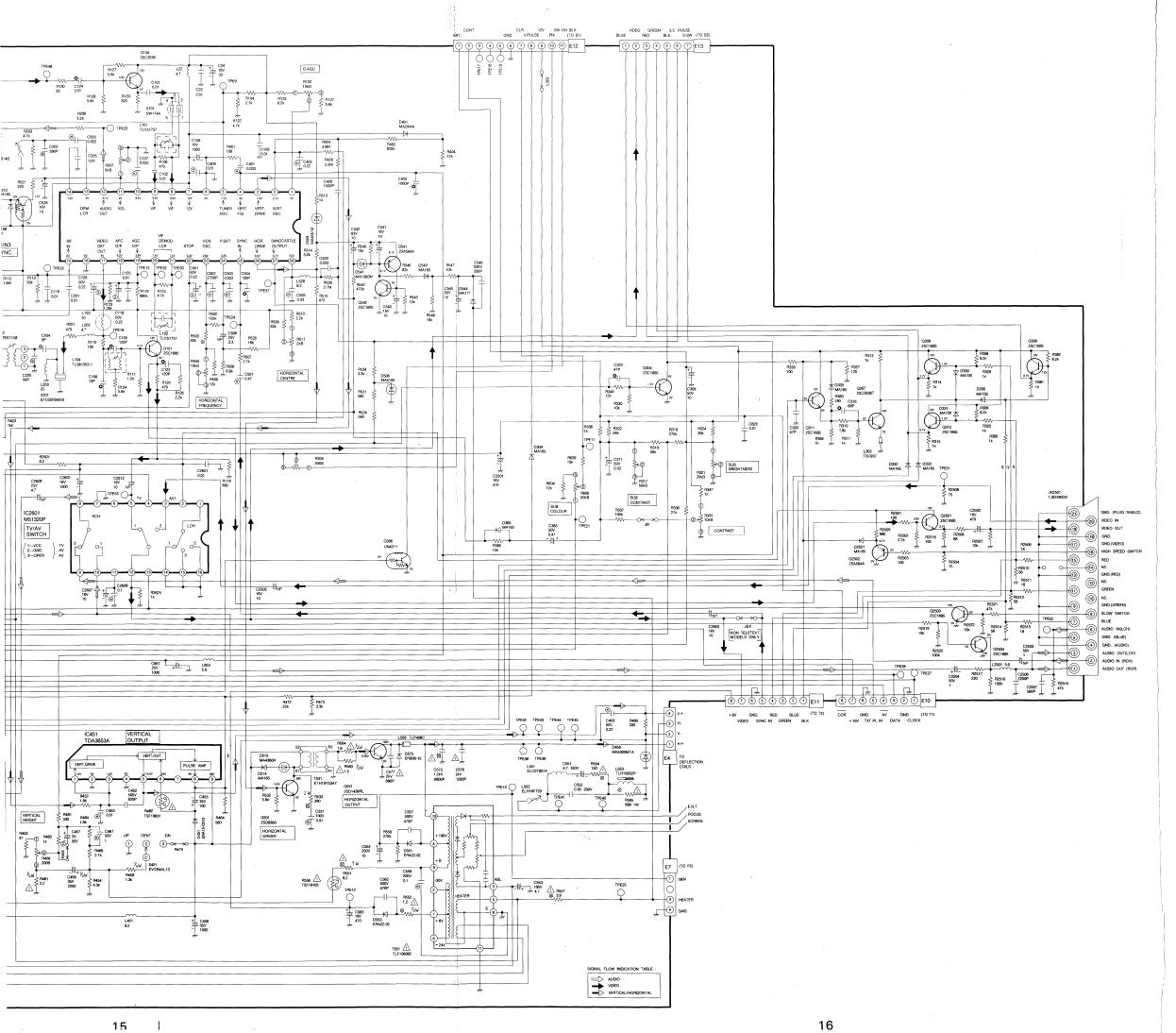
BEMERKUNGEN:

1. Die Starkstromkreis enthält eine Gruppe der Stromkreise die gesonderte Stromquelle bzw. Masse haben. Die Stromkreise sind im Schaltplan mit "HOT" (heiß) und "COLD" (kalt) gekennzeichnet. Folgende Vorsichtsmaßregein treffen. Alle Stromkreise außer der Starkstromkreis sind kalt.

Vorsichtsmaßregeln

- a. Weder die Leitung im heißen Bereich noch gleichzeitig die Leitungen im heißen und im kalten Bereich berühren. Sonst besteht die Gefahr des elektrischen Schlags.
- b. Keinesfalls die Leitungen im heißen bzw. im kalten. Bereich miteinander kutzschließen. Sonst kann eine Sicherung durchbrennen und die Komponente können beschädigt werden.
- c. Kein Instrument, z.B. ein Oszilloskop, gleichzeitig an der Leitungen im heißen bzw. kalten Bereich anschließen. Sonst kann eine Sicherung durchbrennen. Die Erde des instruments mit der des zu Prüfenden Schaltkreises verbinden.
- d. Vor dem Ausbau des Gehäuses sich vergewissern, daß der Netzstecker ausgezogen ist.

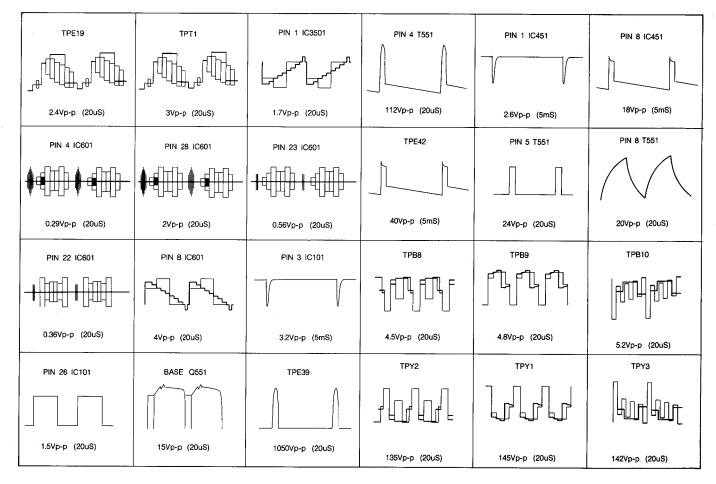


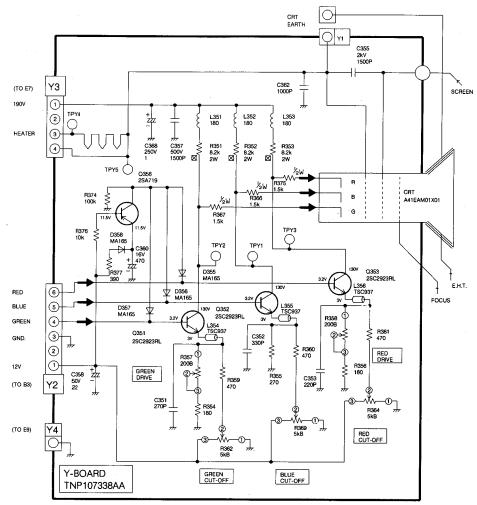


B-BOARD TNP107382AC IDENT TDA3590A C657 1000P DL ADJUST P609 , H332 ≤ H334 ≤ 10k ≤ 10k ≤ R307 560 ВЗ (то ү2) R335 ½W D314 470 MA4030H IC601 TDA3562A B2 0 0 0 0 0 0 0 S-SWITCH BLK. RED IN BLUE IN SAND. GREEN VIDEO PULSE IN

WAVEFORM PATTERN TABLE

SIGNALTABELLE



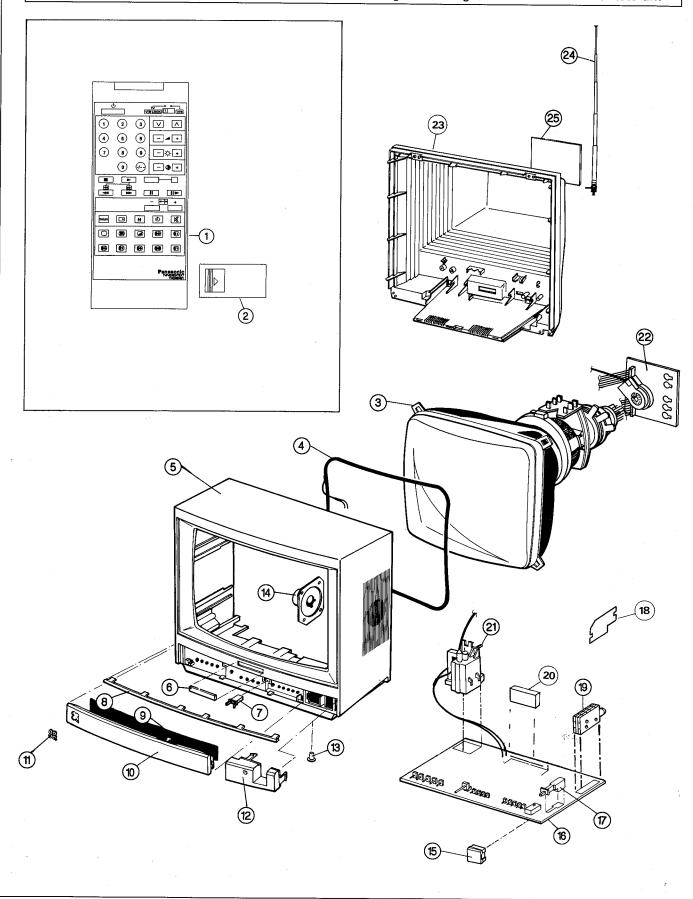


PARTS LOCATION

NOTE: The number on mechanical parts indicates Ref. No. of Replacement Parts List.

EXPLOSIONSZEICHNUNG

ANMERKUNG: Die Number auf den mechanism Teilen zeigt die Bezugsnummer der Ersatzteilliste an.



Important Safety Notice

Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's

REPLACEMENTS PARTS LIST

specified parts.

Wichtiger Sicherheitshinwels

Teile, die mit einen Hinweis A gekennzeichnet sind, sind wichtig für die Sicherheit. Sollte ein Auswechseln erforderlich sein, sind unbedingt Originalteile einzusetzen.

ERSATZTEILLISTE

Ref No.	Part N	o. Descrip	tion
MISC	ELLA	NEOUS CO	OMPONENTS
1)		TNQ8E0421	REMOTE CONTROL
2)		TEG37559-6	BATTERY COVER
3) ∆		A4 I EAMIU I AU I	C. R. I.
4) 🛕		TLK8E05107	DEGAUSSING COIL
5) A		TKY181500	CABINET
6)		TBM173035 TEK17918	PANASONIC BADGE LID SWITCH
7)		TEK17918	LID SWITCH
8)		TKR27710	SILVER TRIM
9) 10)		TKD120632-2	PRESET LABEL CONTROL PANEL LID
11)		TRP1810531	QUINTRIX BADGE
12)		TVD1010544	QUINTRIX BADGE
13)		A2051	SMOKED PANEL
14)		EAS10P299L-(SET FEET
15)		TDV1000200	SPEAKEK
16) A		TND1070414E	POWER BUTTON E PCB ON OFF SWITCH B PCB
17) A		ESD002676	ON OFF SWITTON
18) 🛆		TND1072924C	D DCD
		FNV57814E2	TIMED
20)	J2501	T.IS249220	TUNER 21 PIN TERMINAL F.B Transformer
21) A	T551	TI F15606F	E B Transformer
22) 🛆		TNP107338AA	V PCB
23) 🛆		TKU529201	DEAD COVED
24)		TSA110004-1	MONO POLE AERIAL
25)		TBM120807	REAR COVER LABEL
		TPC1850305	ANTENNA COVER OUTER CARTON
		TPD191467	CUSHION (TOP)
			CUSHION (BOTTOM)
		TOB8F0432	INSTRUCTION BOOK
Δ		TSX3183-1	POWER LEAD
Δ		520-001	FUSE HOLDER
Δ	F801	195-3.15	FUSE
DL301		TLK150890E SDL145D	LUMINANCE DELAY LIN
DL 601			
DL 651		ELT10Z251	SECAM DELAY LINE

CAPACITORS

i	C11	ECEA1EU101	ELECTROLYTIC	25V	100UF
	C12	ECEA50ZR47	ELECTROLYTIC	50V	0.47UF
	C13	ECEA1CU100	ELECTROLYTIC	16V	10UF
	C14	ECEA1EU101	ELECTROLYTIC	25V	100UF
	C15	ECKC1H103JB	CERAMIC 50V		10NF
	C16	ECEA1CU100	ELECTROLYTIC	16V	10UF
	C17	ECEA25Z4R7	ELECTROLYTIC	25V	4.7UF
	C18	ECEA1CU100	ELECTROLYTIC	16V	10UF
İ	C19	ECKC1H103JB	CERAMIC 50V		10NF
ı	C23	ECKC1H103JB	CERAMIC 50V		10NF
I	C 2 4	ECEA1CU330	ELECTROLYTIC	16V	33UF
l	C 2 5	ECKC1H103JB	CERAMIC 50V		10NF
I	C 2 6	ECKC1H103JB	CERAMIC 50V		10NF
I	C27	ECKC1H103JB	CERAMIC 50V		10NF
l	C28	ECKC1H103JB	CERAMIC 50V		10NF
l	C30	ECEA1HU2R2	ELECTROLYTIC	50V	2. 2UF
١	C70	ECEA1HU330	ELECTROLYTIC	50V	33UF
l	C101	ECKC1H103JB	CERAMIC 50V		10NF
l	C102	ECKC1H103JB	CERAMIC 50V		10NF
l	C105	ECCR1H121J	CERAMIC 50V		120PF
l	C106	ECCR1H100J	CERAMIC 50V		10PF
l	C107	ECQM1H223JZ	PLASTIC FILM	50V	22NF
l	C108	ECEA1CU102	ELECTROLYTIC	16V	1000UF
l	C109	ECKC1H103JB	CERAMIC 50V		10NF
l	C116	ECKC1H103JB	CERAMIC 50V		10NF
	C118	ECEA50ZR47	ELECTROLYTIC	50V	0.47UF
ı	C122	ECCR1H121J	CERAMIC 50V		1/20PF
ı	C124	ECCR1H270J	CERAMIC 50V		27PF
	C128	ECKC1H103JB	CERAMIC 50V		10NF
	C201	ECKC1H103JB	CERAMIC 50V		10NF
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C203	Ref No	Part No.	Description	<u></u>
C204 ECCR1H030J CERAMIC 50V 10NF C205 ECKCH1H03JB CERAMIC 50V 22NF C208 ECGAHN010 ELECTROLYTIC 50V 10NF C255 ECCA1VU107 ELECTROLYTIC 50V 1.8MF C255 ECCA1CU330 ELECTROLYTIC 16V 30UF C255 ECCA1CU330 ELECTROLYTIC 16V 30UF C255 ECCA1CU330 ELECTROLYTIC 25V 1000UF C250 ECCA1CU330 ELECTROLYTIC 50V 0.22UF C250 ECCA1CU330 ELECTROLYTIC 50V 1.8MF C255 ECCA1CU330 ELECTROLYTIC 50V 1.8MF C255 ECCA1CU330 ELECTROLYTIC 50V 0.22UF C260 ECCA1EU101 ELECTROLYTIC 50V 150NF C261 ECCY1H045JZ ELECTROLYTIC 25V 170UF C261 ECCY1H045JZ ELECTROLYTIC 25V 170UF C262 ECCA1EU101 ELECTROLYTIC 25V 1000UF C260 ECCA1EU101 ELECTROLYTIC 25V 100UF C260 ECCA1EU101 ELECTROLYTIC 50V 2.2UF C261 ECCA1CU371 ELECTROLYTIC 50V 2.2UF C200 ECCA1H021 ECCANMIC 50V 2.2UF C200 ECCA1H021 ECCANMIC 50V 2.2UF C200 ECCA1H021 ELECTROLYTIC 50V 1.0UF C200 ECCA1H021 ECCANMIC 50V 2.2UF C200 ECCA1H021 ECCANMIC 50V 2.2UF C200 ECCA1H021 ELECTROLYTIC 50V 3.3UF C201 ECCANMIC 50V 2.2UF C200 ECCA1H021 ELECTROLYTIC 50V 2.2UF C200 ECCA1H031 ELECTROLYTIC 50V 2.2UF C200 ECCA1H0331 ECCA1H0331 ECCANMIC 50V 2.2UF C200 ECCA1H031 ELECTROLYTIC 50V 2.2UF C200 ECCA1H0331 ECCA1H0331 ECCA1H030 ELECTROLYTIC 50V 2.2UF C200 ECCA1H0331 ECCANMI	1			390PF
C205 ECKC1H103JB CERAMIC 50V 10NF C208 ECGA1HN010 C220 ECCR1H560J CERAMIC 50V 10V 10V C254 ECGA1EU101 ELECTROLYTIC 35V 4.7U C256 ECGA1CU370 ELECTROLYTIC 35V 4.7U C256 ECGA1CU370 ELECTROLYTIC 35V 4.7U C256 ECGA1CU370 ELECTROLYTIC 35V 4.7U C250 ECGA1CU370 ELECTROLYTIC 35V 4.7U C250 ECGA1EU102 ELECTROLYTIC 35V 4.7U C250 ECGA1EU102 ELECTROLYTIC 25V 1000U C257 ECGM1H182JZ PLASTIC FILM 50V 1.8NF C258 ECGA50ER22 ELECTROLYTIC 25V 1000U C261 ECGA1EU101 ELECTROLYTIC 50V 2.2U C260 ECGA1EU21J CERAMIC 50V 2.2U C205 ECGA1EU21J				22NF
C208				
C220 ECCRIH560J CERAMIC 50V 100UF C255 ECEA1VU4R7 ELECTROLYTIC 25V 100UF C255 ECEA1CU330 ELECTROLYTIC 36V 3.7UF C255 ECEA6CU323 ELECTROLYTIC 36V 3.7UF C255 ECEA6CU322 ELECTROLYTIC 50V 0.22UF C2509 ECEA1EU102 ELECTROLYTIC 25V 1000UF C260 ECEA1EU101 ELECTROLYTIC 25V 1000UF C260 ECEA1EU101 ELECTROLYTIC 25V 150NUF C261 ECEA1EU101 ELECTROLYTIC 25V 150NUF C262 ECEA1EU101 ELECTROLYTIC 25V 150NUF C262 ECEA1EU101 ELECTROLYTIC 25V 150NUF C260 ECEA1EU101 ELECTROLYTIC 25V 150NUF C260 ECEA1EU101 ELECTROLYTIC 50V 2.2UF C300 ECEA1HU2R2 ELECTROLYTIC 50V 2.2UF C300 ECEA1HU2R2 ELECTROLYTIC 50V 2.2UF C300 ECEA1HU331 CERAMIC 50V 220PF C300 ECCRIH221J CERAMIC 50V 220PF C307 ECCRIH221J CERAMIC 50V 220PF C307 ECCRIH221J CERAMIC 50V 220PF C307 ECCRIH221J CERAMIC 50V 220PF C308 ECCRIH4031B ELECTROLYTIC 50V 220PF C308 ECCRIH4031B ELECTROLYTIC 50V 220PF C301 ECCRIH4031B ELECTROLYTIC 50V 220PF C314 ECCRIH4034 ELECTROLYTIC 50V 220PF C335 ECCRIH470J CERAMIC 50V 220PF C351 ECCRIH470J CERAMIC 50V 220PF C352 ECCRIH470J CERAMIC 50V 220PF C352 ECCRIH470J CERAMIC 50V 220PF C355 ECCRIH333J	C206			22NF
C2554 ECEA1CU101 ELECTROLYTIC 25V 100UF C2556 ECEA1CU330 ELECTROLYTIC 35V 4.7UF C2567 ECEMIUR ELECTROLYTIC 16V 33UF C2568 ECEA1CU330 ELECTROLYTIC 15V 100UF C2569 ECEA1EU102 ELECTROLYTIC 25V 100UF C2608 ECEA1EU101 ELECTROLYTIC 25V 470UF C261 ECQV1H154JZ PLASTIC FILM 50V 150NF C2628 ECEA1HU2R2 ELECTROLYTIC 50V 2.2UF C2630 ECEA1CU220 ELECTROLYTIC 50V 2.2UF C2630 ECEA1CU220 ELECTROLYTIC 15V C200T C2631 ECEACHU101 ELECTROLYTIC 15V C200T ECCACHU103JB CERAMIC 50V 2.2UF C200T ECCACHU103JB CERAMIC 50V 2.2UF C200T C200T ECCACHU103JB CERAMIC 50V 2.2UF C200T C200				1UF
C255				56PF
C256 C26A1CU330 C25T C25T C25T C2CMM C25T C2CMM C25T C2CMM	1			
C258 ECEA502R22 ELECTROLYTIC 50V 0.22UF C259 ECEA1EU102 ELECTROLYTIC 25V 1000UF C260 ECEATEU471 ELECTROLYTIC 25V 1000UF C260 ECEATEU471 ELECTROLYTIC 25V 150NF C2602 ECEA1EU101 ELECTROLYTIC 50V 2.2UF C301 ECEA1CN220 ELECTROLYTIC 16V 470UF C302 ECEA1CN220 ELECTROLYTIC 16V 470UF C303 ECEA1CN220 ELECTROLYTIC 16V 470UF C300 ECEA1CN220 ELECTROLYTIC 16V 470UF C300 ECEA1HU103 ECEAMIC 50V 220PF C300 ECEA1HU100 ELECTROLYTIC 50V 10NF C301 ECEATIOL31 ECEANIC 50V 220PF C301 ECEATIOL31 ECEANIC 50V 220PF C301 ECEATIOL31 ECEANIC 50V 220NF C311 ECEATIOL31 ECEANIC 50V 220NF C311 ECEATIOL31 ECEANIC 50V 220NF C312 ECQV1H224JZ PLASTIC FILM 50V 220NF C314 ECQV1H224JZ PLASTIC FILM 50V 220NF C320 ECCR1H470J CERAMIC 50V 68PF C320 ECCR1H470J CERAMIC 50V 270PF C351 ECCR1H331J CERAMIC 50V 270PF C351 ECCR1H331J CERAMIC 50V 270PF C351 ECCR1H331J CERAMIC 50V 270PF C351 ECCR1H27J CERAMIC 50V 220PF C352 ECKC2H152J CERAMIC 50V 220PF C353 ECKC2H152J CERAMIC 50V 220PF C350 ECKC2H152J CERAMIC 50V 220PF C404 ECKC1H22JJ CERAMIC 50V 220PF C404 ECKC1H22JJ CERAMIC 50V 220PF C404 ECKC1H22JJ CERAMIC 50V 1.5NF C402 ECKC2H32J CERAMIC 50V 1.5NF C452 ECKC2H32J CERAMIC 50V 1.5NF C455 ECEA5UV101 ELECTROLYTIC 35V 100UF C456 ECEA1UV102 ELECTROLYTIC 35V 100UF C456 ECEA1UV102 ELECTROLYTIC 35V 100UF C456 ECEA1UV101 ELECTROLYTIC 35V 100UF C456 ECEA1UV102 ELECTROLYTIC 35V 100UF C545 ECEA1UV101 ELECTROLYTIC 35V 100UF C546 ECEA1UV102 ELECTROLYTIC 35V 100UF C546 ECEA1UV101 ELECTROLYTIC 35V 100UF C545 ECEA1UV101 ELECTROLYTIC 35V 100UF C546 ECEA1UV101 ELECTROLYTIC 35V 100UF C545 ECEA1UV100 ELECTROLYTIC 35V				33UF
C259 ECEA1EU102 ELECTROLYTIC 25V 1000UF C261 ECQV1H154JZ C262 ECEA1EU101 ELECTROLYTIC 25V 100UF C263 ECEA1EU101 ELECTROLYTIC 25V 100UF C263 ECEA1EU101 ELECTROLYTIC 50V 2.2UF C301 ECEA1CU471 ELECTROLYTIC 16V 470UF C302 ECKC1H103JB CERAMIC 50V 22UF C303 ECKC1H561J CERAMIC 50V 22UF C306 ECKC1H221J CERAMIC 50V 22UF C307 ECKC1H103JB CERAMIC 50V 22UF C308 ECKC1H103JB CERAMIC 50V 22UF C309 ECKC1H103JB CERAMIC 50V 22UF C309 ECKC1H103JB CERAMIC 50V 10UF C311 ECEA1HU100 ELECTROLYTIC 50V 10UF C311 ECEA1HU303 ELECTROLYTIC 50V 10UF C312 ECQV1H224JZ PLASTIC FILM 50V 22UNF C314 ECQV1H224JZ PLASTIC FILM 50V 22UNF C316 ECCR1H680J CERAMIC 50V 68PF C320 ECCR1H470J CERAMIC 50V 47PF C352 ECKC1H331J CERAMIC 50V 22UNF C353 ECCR1H371J CERAMIC 50V 330PF C355 ECKC3D152J CERAMIC 50V 330PF C355 ECKC3D152J CERAMIC 50V 22UNF C356 ECKC2H152J CERAMIC 50V 330PF C357 ECKC2H152J CERAMIC 50V 22UNF C358 ECEA1HU20 ELECTROLYTIC 50V 30PF C358 ECEA1HU20 ELECTROLYTIC 50V 1.5NF C358 ECEA1HU21 CERAMIC 50V 22UNF C358 ECEA1HU22 ELECTROLYTIC 50V 1.5NF C360 ECEA1CU471 ELECTROLYTIC 50V 1.5NF C361 ECCR1H271J CERAMIC 50V 22UNF C362 ECKC1H102J CERAMIC 50V 22UNF C364 ECEA1CU471 ELECTROLYTIC 50V 1.5NF C365 ECKC2H152J CERAMIC 50V 22UNF C366 ECEA1CU471 ELECTROLYTIC 50V 1.5NF C401 ECQW1H333JZ PLASTIC FILM 50V 22UNF C402 ECQV1H224JZ PLASTIC FILM 50V 22UNF C403 ECKC1H103J CERAMIC 50V 1.5NF C404 ECQW1H33JZ PLASTIC FILM 50V 22NF C405 ECKC2H152J CERAMIC 50V 1.5NF C406 ECEA1CU471 ELECTROLYTIC 35V 100UF C456 ECEA1VU101 ELECTROLYTIC 35V 100UF C457 ECKC2H152J CERAMIC 50V 1.5NF C458 ECEA1VU102 ELECTROLYTIC 35V 100UF C456 ECCA1H03JB CERAMIC 50V 1.5NF C459 ECCW1H224JZ PLASTIC FILM 50V 22NF C450 ECKC1H103JZ CERAMIC 50V 1.5NF C451 ECQW1H333JZ PLASTIC FILM 50V 3.3NF C452 ECKC1H103J CERAMIC 50V 1.5NF C453 ECKC1H103J CERAMIC 50V 1.5NF C456 ECEA1CU471 ELECTROLYTIC 35V 30UF C551 ECCANIC33J CERAMIC 50V 3.3NF C552 ECCANIC33J CERAMIC 50V 1.5NF C552 ECCANIC33J CERAMIC 50V 3.3NF C552 ECCANIC33J CERAMIC 50V 3.3NF C552 ECCANIC33J CERAMIC 50V 3.3NF C552 ECCANIC100 ELECTROLYTIC 16V 4.7UF	1			1.8NF
C260 ECEA1EU471 ELECTROLYTIC 05V 470UF C262 ECEA1EU101 ELECTROLYTIC 25V 100UF C263 ECEA1HU2R2 ELECTROLYTIC 50V 2.2UF C301 ECEA1CU471 ELECTROLYTIC 16V 470UF C302 ECKC1H103JB CFRAMIC 50V 22UPF C306 ECKC1H561J CFRAMIC 50V 22UPF C306 ECKC1H221J CFRAMIC 50V 22UPF C308 ECKC1H103JB CFRAMIC 50V 22UPF C308 ECKC1H221J CFRAMIC 50V 22UPF C308 ECKC1H103JB CFRAMIC 50V 22UPF C308 ECKC1H103JB CFRAMIC 50V 22UPF C308 ECKC1H103JB CFRAMIC 50V 22UPF C311 ECEA1HU3R3 ELECTROLYTIC 50V 10NF C311 ECEA1HU3R3 ELECTROLYTIC 50V 3.3UF C312 ECQV1H224JZ PLASTIC FILM 50V 22UNF C314 ECQV1H224JZ PLASTIC FILM 50V 22UNF C314 ECQV1H224JZ PLASTIC FILM 50V 22UNF C316 ECKC1H470J CFRAMIC 50V 47PF C320 ECKC1H470J CFRAMIC 50V 47PF C351 ECKC1H271J CFRAMIC 50V 270PF C352 ECKC1H271J CFRAMIC 50V 270PF C352 ECKC1H271J CFRAMIC 50V 270PF C355 ECKC2H152J CFRAMIC 50V 270PF C355 ECKC2H152J CFRAMIC 50V 22UF C366 ECFA1CU471 ELECTROLYTIC 50V 22UF C366 ECFA1CU471 ELECTROLYTIC 50V 22UF C368 ECFA1CU471 ELECTROLYTIC 50V 22UF C368 ECFA1CU471 ELECTROLYTIC 50V 22UF C368 ECFA1CU471 ELECTROLYTIC 50V 11.5NF C355 ECKC2H152J CFRAMIC 50V 22UF C368 ECFA1CU471 ELECTROLYTIC 50V 22UF C401 ECQM1H333JZ CFRAMIC 50V 1.5NF C402 ECKC1H102J CFRAMIC 50V 1.5NF C458 ECFA1CU471 ELECTROLYTIC 50V 1.5NF C458 ECFA1CU471 ELECTROLYTIC 50V 22UF C457 ECFAMIC 50V 2.2NF C458 ECFA1CU471 ELECTROLYTIC 35V 100UF C456 ECFA1CU401 ELECTROLYTIC 35V 100UF C456 ECFA1CU401 ELECTROLYTIC 35V 100UF C456 ECFA1CU401 ELECTROLYTIC 35V 100UF C457 ECFAMIC 50V 22NF C459 ECKC1H103JB ELECTROLYTIC 35V 100UF C456 ECFA1CU400 ELECTROLYTIC 35V 100UF C456 ECFA1CU400 ELECTROLYTIC 35V 100UF C550 ECQV1H223JZ PLASTIC FILM 50V 22NF C551 ECFA1CU400 ELECTROLYTIC 35V 100UF C550 ECQV1H333JZ PLASTIC FILM 50V 3NF C551 ECFA1CU400 ELECTROLYTIC 16V 470UF C554 ECFA1CU400 ELECTROLYTIC 16V 470UF C554 ECFA1CU400 ELECTROLYTIC 16V 470UF C554 ECFA1CU400 ELECTROLYTIC 16V 470UF C555 ECFA1CU400 ELECTROLYTIC 16V 470UF C5	1			
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C456 ECEA1VU102 ELECTROLYTIC 35V 1000UF C457 ECEA1EFS330 ELECTROLYTIC 25V 300UF C458 ECEA1VU222 ELECTROLYTIC 35V 2200UF C459 ECQV1H224JZ PLASTIC FILM 50V 220NF C501 ECEA50ZR22 ELECTROLYTIC 50V 0.22UF C502 ECQM1272GZ PLASTIC FILM 50V 22NF C503 ECQM1H223JZ PLASTIC FILM 50V 10UF C505 ECQV1H334JZ PLASTIC FILM 50V 100P C505 ECQV1H334JZ PLASTIC FILM 50V 330NF C506 ECEA1EN3R3 ELECTROLYTIC 25V 3.3UF C507 ECQV1H474JZ PLASTIC FILM 50V 470NF C525 ECEA1CU471 ELECTROLYTIC 16V 470UF C528 ECEA1CU471 ELECTROLYTIC 16V 10UF C529 ECQV1H333JZ PLASTIC FILM 50V 33NF C531 ECQM1103KZ PLASTIC FILM 50V 33NF C531 ECQM1103KZ PLASTIC FILM 50V 33NF C541 ECEA1CU100 ELECTROLYTIC 16V 10UF C542 ECEA1JU100 ELECTROLYTIC 16V 10UF C543 ECEA1CU100 ELECTROLYTIC 16V 10UF C545 ECEA1HU100 ELECTROLYTIC 16V 10UF C545 ECEA1HU100 ELECTROLYTIC 16V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF				
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C459 ECQV1H224JZ PLASTIC FILM 50V 220NF C461 ECQV1H105JZ PLASTIC FILM 50V 1UF C501 ECEA50ZR22 ELECTROLYTIC 50V 0.22UF C502 ECQM1272GZ PLASTIC FILM 100V 2.7n1 C503 ECQM1H223JZ PLASTIC FILM 50V 22NF C504 ECCR1H101J CERAMIC 50V 100PF C505 ECQV1H334JZ PLASTIC FILM 50V 330NF C506 ECEA1EN3R3 ELECTROLYTIC 25V 3.3UF C507 ECQV1H474JZ PLASTIC FILM 50V 470NF C525 ECEA1CU471 ELECTROLYTIC 16V 470UF C528 ECEA1CU471 ELECTROLYTIC 16V 10UF C529 ECQV1H333JZ PLASTIC FILM 50V 33NF C531 ECQM1103KZ PLASTIC FILM 50V 3NF C531 ECQM1103KZ PLASTIC FILM 50V 10NF C542 ECEA1CU100 ELECTROLYTIC 16V 10UF C542 ECEA1JU100 ELECTROLYTIC 16V 10UF C543 ECEA1CU100 ELECTROLYTIC 63V 10UF C543 ECEA1CU100 ELECTROLYTIC 63V 10UF C545 ECEA1HU100 ELECTROLYTIC 63V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf			ELECTROLYTIC 25V	
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C506 ECEA1EN3R3 ELECTROLYTIC 25V 3.3UF C507 ECQV1H474JZ PLASTIC FILM 50V 470NF C525 ECEA1CU100 ELECTROLYTIC 16V 10UF C529 ECQV1H333JZ PLASTIC FILM 50V 33NF C531 ECQM1103KZ PLASTIC FILM 50V 33NF C541 ECEA1CU100 ELECTROLYTIC 16V 10UF C542 ECEA1JU100 ELECTROLYTIC 16V 10UF C543 ECEA1CU100 ELECTROLYTIC 63V 10UF C543 ECEA1CU100 ELECTROLYTIC 63V 10UF C545 ECEA1HU100 ELECTROLYTIC 50V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF				
C507 ECQV1H474JZ				
C528 ECEA1CU100 ELECTROLYTIC 16V 10UF C529 ECQV1H333JZ PLASTIC FILM 50V 33NF C531 ECQM1103KZ PLASTIC FILM 100V 10NF C541 ECEA1CU100 ELECTROLYTIC 16V 10UF C542 ECEA1JU100 ELECTROLYTIC 63V 10UF C543 ECEA1CU100 ELECTROLYTIC 16V 10UF C545 ECEA1HU100 ELECTROLYTIC 50V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF		ECQV1H474JZ	PLASTIC FILM 50V	
C529 ECQV1H333JZ PLASTIC FILM 50V 33NF C531 ECQM1103KZ PLASTIC FILM 100V 10NF C541 ECEA1CU100 ELECTROLYTIC 16V 10UF C542 ECEA1JU100 ELECTROLYTIC 63V 10UF C543 ECEA1CU100 ELECTROLYTIC 16V 10UF C545 ECEA1HU100 ELECTROLYTIC 50V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF				
C531 ECQM1103KZ PLASTIC FILM 100V 10NF C541 ECEA1CU100 ELECTROLYTIC 16V 10UF C542 ECEA1JU100 ELECTROLYTIC 63V 10UF C543 ECEA1CU100 ELECTROLYTIC 16V 10UF C545 ECEA1HU100 ELECTROLYTIC 50V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF				
C541 ECEA1CU100 ELECTROLYTIC 16V 10UF C542 ECEA1JU100 ELECTROLYTIC 63V 10UF C543 ECEA1CU100 ELECTROLYTIC 16V 10UF C545 ECEA1HU100 ELECTROLYTIC 50V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF	C531	ECQM1103KZ		
C543 ECEA1CU100 ELECTROLYTIC 16V 10UF C545 ECEA1HU100 ELECTROLYTIC 50V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF			ELECTROLYTIC 16V	10UF
C545 ECEA1HU100 ELECTROLYTIC 50V 10UF C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF				
C546 ECKC2H331J CERAMIC 500V 330PF C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF				
C551 ECEA2CS4R7 ELECTROLYTIC 160V 4.7UF C552 ECWF2H304J CAPACITOR 500V 300nf C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF	C546	ECKC2H331J		
C553 ECEA2CU4R7 ELECTROLYTIC 160V 4.7UF			ELECTROLYTIC 160V	4.7UF
000				
THE STATE OF	C554	ECEA2EU100	ELECTROLYTIC 160V	4. 70F 10UF

Ref No.	Part No.	Description	
C557	ECKC2H471J	CERAMIC 500V	470PF
C558	ECQM2104KZ	PLASTIC FILM 200V	100NF
C559 C562	ECEA1CU100 ECKC2H471J	ELECTROLYTIC 16V CERAMIC 500V	10UF 470PF
C563	ECEA1CU471	ELECTROLYTIC 16V	470UF
C568	ECQV1H104JZ	PLASTIC FILM 50V	100NF
C569 C575	ECKC1H103JB ECWH12H682J	CERAMIC 50V CAPACITOR 500V	10NF 6.8nf
C577	ECKC3D681J	CERAMIC 2.0KV A	680PF
C578	ECKC3D152J ECKC1H103JB	CERAMIC 2.0KV 🛆 CERAMIC 50V	1.5NF 10NF
C604	ECEA50ZR33	ELECTROLYTIC 50V	0.33UF
C607	ECEATHU010	ELECTROLYTIC 50V PLASTIC FILM 50V	1UF
C608	ECQV1H474JZ ECQV1H474JZ	PLASTIC FILM 50V PLASTIC FILM 50V	470NF 470NF
C610	ECRHA030E11	TRIMMER CAPACITOR	30PF
C611 C613	ECCR1H101J ECKC1H103JB	CERAMIC 50V CERAMIC 50V	100PF 10NF
C615	ECEA1VU4R7	ELECTROLYTIC 35V	4.7UF
C617 C622	ECEA1HN2R2 ECQV1H334JZ	ELECTROLYTIC 50V PLASTIC FILM 50V	2. 2UF 330NF
C623	ECQV1H334JZ	PLASTIC FILM 50V	330NF
C624	ECQV1H334JZ	PLASTIC FILM 50V	330NF
C626 C651	ECKC1H103JB ECQV1H104JZ	CERAMIC 50V PLASTIC FILM 50V	10NF 100NF
C652	ECKC1H103JB	CERAMIC 50V	10NF
C653	ECCR1H391J	CERAMIC 50V	390PF
C654 C655	ECCR1H101J ECQV1H104JZ	CERAMIC 50V PLASTIC FILM 50V	100PF 100NF
C 6 5 6	ECKC1H102J	CERAMIC 50V	1NF
C657	ECKC1H102J ECEA1HU010	CERAMIC 50V ELECTROLYTIC 50V	1 N F 1 U F
C659	ECKC1H392J	CERAMIC 50V	3.9NF
C660	ECEA50ZR1	ELECTROLYTIC 50V PLASTIC FILM 50V	1UF
C661 C662	ECQM1H223JZ ECEA1CU100	PLASTIC FILM 50V ELECTROLYTIC 16V	22NF 10UF
C663	ECEA1HU010	ELECTROLYTIC 50V	1 U F
C664 C665	ECKC1H561J ECCR1H560J	CERAMIC 50V CERAMIC 50V	560PF 56PF
C666	ECQV1H104JZ	PLASTIC FILM 50V	100NF
C667	ECQV1H104JZ	PLASTIC FILM 50V	100NF
C668 C669	ECCR1H181J ECKC1H221J	CERAMIC 50V CERAMIC 50V	180PF 220PF
C670	ECKC1H221J	CERAMIC 50V	220PF
C674 C675	ECCR1H330J ECEA1HU3R3	CERAMIC 50V ELECTROLYTIC 50V	33PF 3.3UF
C801	ECQM2A334MW	PLASTIC FILM 100V	330NF
C803 C804	ECKC2H472J ECKC2H472J	CERAMIC 500V CERAMIC 500V	4.7NF
C805	ECKC2H472J	CERAMIC 500V	4.7NF 4.7NF
C806	ECKC2H472J	CERAMIC 500V	4.7NF
C807 C808	ECES2GU221 ECEA1HFS100	ELECTROLYTIC 400V ELECTROLYTIC 50V	220UF 10UF
C809	ECQV1H105JZ	PLASTIC FILM 50V	1UF
C810 C811	ECKC2H103J ECKC3A821J	CERAMIC 500V CERAMIC 1.0KV A	10NF 820PF
C812	ECKC3A182J	CERAMIC 1.0KV A	1.8NF
C813	ECKCNS332J	CERAMIC 1.2KV A	3.3NF
C815 C817	ECKC2H122J ECKC1H222J	CERAMIC 500V CERAMIC 50V	1. 2NF 2. 2NF
C819	ECKC1H561J	CERAMIC 50V	560PF
C822 C823	ECKC1H561J ECKC2H331J	CERAMIC 50V CERAMIC 500V	560PF 330PF
C827	ECKC2H103J	CERAMIC 500V	10NF
C828 C851	ECQV1H224JZ ECKC3A122J	PLASTIC FILM 50V CERAMIC 1.0KV ∆	220NF 1.2NF
C852	ECKC2H681J	CERAMIC 1.0KV Z	680PF
C853	ECKC2H102J	CERAMIC 500V	1NF
C854 C855	ECEA2CS101 ECEA1VGE101	ELECTROLYTIC 160V ELECTROLYTIC 35V	100UF 100UF
C856	ECEA1EGE471	ELECTROLYTIC 25V	470UF
C857 C1100	ECEA1EU102 ECEA50ZR33	ELECTROLYTIC 25V ELECTROLYTIC 50V	1000UF 0.33UF
C1111	ECKC1H103JB	CERAMIC 50V	10NF
C1112	ECEA1EU471	ELECTROLYTIC 25V	470UF
C1113 C1114	ECEA1HU010 ECKC1H103JB	ELECTROLYTIC 50V CERAMIC 50V	1UF 10NF
C1117	ECCR1H181J	CERAMIC 50V	180PF
C1118 C1119	ECKC1H271J ECCR1H680J	CERAMIC 50V CERAMIC 50V	270PF 68PF
C1120	ECRHA060G11	TRIMMER CAPACITOR	60PF
C1121 C1122	ECKC1H103JB ECEA0JU471	CERAMIC 50V ELECTROLYTIC 6.3V	10NF 470UF
C1122	ECCR1H101J	ELECTROLYTIC 6.3V CERAMIC 50V	100PF
C1124	ECCR1H101J	CERAMIC 50V	100PF
C1125 C1127	ECKC1H103JB ECEA50ZR33	CERAMIC 50V ELECTROLYTIC 50V	10NF 0.33UF
C1133	ECEA1HU4R7	ELECTROLYTIC 50V	4.7UF
C1134 C1135	ECEA1HU2R2 ECEA1HU2R2	ELECTROLYTIC 50V ELECTROLYTIC 50V	2. 2UF 2. 2UF
C1136	ECEA1HU2R2	ELECTROLYTIC 50V	2. 2UF
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Ref No.	Part No.	Description	
		Description	
C1137 C1138	ECKC1H472J ECKC1H181J	CERAMIC 50V CERAMIC 50V	4.7NF 180PF
C1141	ECKC1H103JB ECEA50ZR47	CERAMIC 50V	10NF
C1144	ECKC1H472J	ELECTROLYTIC 50V CERAMIC 50V	0.47UF 4.7NF
C1149	ECQV1H104JZ	PLASTIC FILM 50V	100NF
C1150 C1151	ECKC1H101J ECKC1H101J	CERAMIC 50V CERAMIC 50V	100PF 100PF
C1153	ECCR1H101J	CERAMIC 50V	100PF
C1154 C1155	ECKC1H103JB ERD25TJ103	CERAMIC 50V CARBON 0.25W 5%	10NF 10K
C1156	ECEA0JU471	ELECTROLYTIC 6.3V	470UF
C1157	ECKC1H101J EXFP4471MF	CERAMIC 50V NETWORK COMPONENT	100PF
C1162	EXFP6471ZF	NETWORK COMPONENT	
C1163	ECKC1H103JB ECKC1H471J	CERAMIC 50V CERAMIC 50V	10NF 470PF
C1165	ECKC1H471J	CERAMIC 50V	470PF
C1166 C1167	ECCR1H220J ECEA1HU4R7	CERAMIC 50V ELECTROLYTIC 50V	22PF 4.7UF
C1168	ECCR1H220J	CERAMIC 50V	22PF
C1169 C1170	ECCR1H121J ECCR1H121J	CERAMIC 50V CERAMIC 50V	120PF 120PF
C1171.	ECQM1H223JZ	PLASTIC FILM 50V	22NF
C1172	ECCR1H151J ECQM1H333JZ	CERAMIC 50V PLASTIC FILM 50V	150PF 33NF
C1602	ECEA0JU221	ELECTROLYTIC 6.3V	220UF
C1603	ECEA1HU010 ECKC1H331J	ELECTROLYTIC 50V CERAMIC 50V	1UF 330PF
C1605	ECEA1HUOR1	ELECTROLYTIC 50V	0.1UF
C1606 C2501	ECEA0JU471 ECEA1CU471	ELECTROLYTIC 6.3V ELECTROLYTIC 16V	470UF 470UF
C2502	ECEA1CU471	ELECTROLYTIC 16V	470UF
C2503	ECEATHN010 ECEATHU010	ELECTROLYTIC 50V ELECTROLYTIC 50V	10F 10F
C2505	ECEA1CN100	ELECTROLYTIC 16V	10UF
C2506	ECKC1H222J ECKC1H561J	CERAMIC 50V CERAMIC 50V	2.2NF 560PF
C2601	ECKC1H103JB	CERAMIC 50V	10NF
C2602 C2603	ECEA1CU102 ECEA1CN100	ELECTROLYTIC 16V ELECTROLYTIC 16V	1000UF 10UF
C2607	ECEA1CU100	ELECTROLYTIC 16V	10UF
C2608 C2609	ECQV1H104JZ ECEÄTEN4R7	PLASTIC FILM 50V ELECTROLYTIC 25V	100NF 4.7UF
C2612	ECEA1CN100	ELECTROLYTIC 16V	10UF
DIOD	E		
251	MA165TA5	DIODE	
D305	MA165TA5	DIODE	
D306 D307	MA165TA5 MA165TA5	DIODE DIODE	
D309	MA165TA5	DIODE	
D310 D313	MA165TA5 MA27TA5	DIODE DIODE	
D314	MA 4 0 3 0	DIODE	
D315 D316	MA165TA5 MA165TA5	DIODE	
D317	MA165TA5	DIODE	
D330 D331	MA700TA5 MA700TA5	DIODE	
D332	MA165TA5	DIODE	
D333	MA165TA5 MA165TA5	DIODE DIODE	
D336	MA700TA5	DIODE	
D355 D356	MA165TA5 MA165TA5	DIODE	
D357	MA165TA5	DIODE	
D358	MA165TA5 MA165TA5	DIODE	
D401	MA29TA5	DIODE	
D451 D456	ERA15-02V3 MA4300	DIODE	4.5
D506	MA 4 1 0 0	DIODE	
D508 D512	MA4051 MA165TA5	DIODE	
D514	MA165TA5	DIODE	
D515 D541	MA 4 3 6 0 MA 1 3 6 0 MT A	DIODE	
D543	MA165TA5	DIODE	
D544 D551	MA171TA5 ERA22-02V3	DIODE	
D552	MA167TA5	DIODE	
D553 D558	ERA22-02V3 MA700TA5	DIODE	
D559 D575	MA165TA5 ERB06-15	DIODE	•
D651	MA165TA5	DIODE	
D801	D4SB80Z	BRIDGE	

Ref No.	Part No.	Description	
D805	232266296009	DIODE	
D807	EU02	DIODE	
D809	EU02	DIODE	
D810	TVSB2808D	DIODE	
D811	ON3105. TV	OPTOCOUPLER	
D851	TVSC2408M	DIODE	
D852	EU02	DIODE	
D853	ERD32-02L7	DIODE	
D854	TVSSR2KL	DIODE	
D1113	MA165TA5	DIODE	
D1115	MA165TA5	DIODE	
D1116	MA165TA5	DIODE	
D1117	MA165TA5	DIODE	
D1121	LN81RPHL	DIODE	
D1122	TVSS1WBS10	DIODE	
D1123	MA165TA5	DIODE	
D1124	MA 4 0 5 1	DIODE	
D1125	MA165TA5	DIODE	
D1127	MA165TA5	DIODE	
D1128	MA165TA5	DIODE	
D1129	MA165TA5	DIODE	
D1133	MA165TA5	DIODE	
D1134	MA165TA5	DIODE	
D1136	MA29TA5	DIODE	
D1142	MA165TA5	DIODE	
D1143	MA165TA5	DIODE	
D1601	PN323BHT	DIODE	
D2501	MA165TA5	DIODE	
D2502	MA165TA5	DIODE	

1.C.s

IC70	UPC574J	REGULATOR
IC101	TDA4505M-N3	VIF/SIF/SYNC I.C.
IC251	AN5265	AUDIO OUTPUT I.C.
IC451	TDA3653A	VERTICAL O/PUT I.C.
IC551	L78M12MRB	12V REGULATOR
IC601	TDA3562A	VIDEO/CHROMA I.C
IC651	TDA3590A	SECAM DECODER I.C.
IC801	STR54041-M	REG. POWER I.C.
,IC1110	MN15285TEH	C.P.U I.C.
IC1111	MN12C201T	MEMORY I.C.
IC1112	MN1280R	RESET I.C.
IC1601	AN5025K	REMOTE RECEIVER I.C.
IC2601	M51320P	TV/AV SWITCH

COILS

1 4 4	TLT082K991R	COIL	
L11		COIL	
L16	TLT082K991R	COIL	
L17	TLT082K991R		
L 18	TLT082K991K	COIL	
L 2 2	TLT047K991R	COIL	
L101	TLI151757	COIL	
L102	TLI151757	COIL	
L103	TLT100K166C	COIL	
L104	TLS61353-1	COIL	
L106	TSC937	CHOKE	
L202	TLT047K991R	COIL	
L203	TLT220K991R	COIL	
L301	TLX330J176C	COIL	
L302	TSC937	CHOKE	
L351	TLT181K991R	COIL	
L352	TLT181K991R	COIL	
L353	TLT181K991R	COIL	
L354	TSC937	CHOKE	
L355	TSC937	CHOKE	
L356	TSC937	CHOKE	
L451	TLQ082K236B	COIL	
L528	TLT082K991R	COIL	
L551	ELC07B014	COIL	
L552	ELH16F729	COIL	
L553	TLH15652P	TRANSFORMER	
L555	TSC925-4	CHOKE	
L556	TLP408C	TRANSFORMER	
L602	EIK1EG013B	COIL	
L603	TLK158069	COIL	
L651	TLK151060	COIL	
L655	TLK61008-1	COIL	
L656	TLT100K991R	COIL	
L657	TLT100K991R	COIL	
L801	ELF18D650L	FILTER	
L802	ELF18D650L	FILTER	
L803	TSC925-4	CHOKE	
L806	TSC937	CHOKE	
L852	TSC925-4	CHOKE	

Ref No.	Part No.	Description	
L853	TLQ056K236B	COIL	
L854	TSC937	CHOKE	
L855	TSC937	CHOKE	
L1111	ELEXT100KA	COIL	
L1112	ELEXT100KA	COIL	
L1113	ELEXT100KA	COIL	
L1114	ELEXT100KA	COIL	
L1115	ELEXT100KA	COIL	
L1116	ELEXT100KA	COIL	
L1117	ELEXT100KA	COIL	
L1118	ELEXT100KA	COIL	
L1119	ELEXT100KA	COIL	
L1120	ELEXT100KA	COIL	
L1121	ELEXT100KA	COIL	
L1122	ELEXT100KA	COIL	-
L1123	ELEXT100KA	COIL	
L1124	ELEXT100KA	COIL	
L1126	ELEXT100KA	COIL	
L1127	ELEXT100KA	COIL	
L1128	ELEXT100KA	COIL	
L1129	ELEXT100KA	COIL	
L1130	ELEXT100KA	COIL	
L1131	ELEXT100KA	COIL	
L1132	ELKTH150GA	COIL	
L1133	ELKTH150GA	COIL	
L1134	ELKTH150GA	COIL	
L1135	ELEXT100KA	COIL	
L1136	TSC925-4	CHOKE	
L1137	TLT047K991R	COIL	
L1138	TLT068K991R	COIL	
L1139	TLT010K991R	COIL	
L1140	ELEXT100KA	COIL	
L1141	ELEXT100KA	COIL	
L1142	ELEXT100KA	COIL	
L1143	ELEXT100KA	COIL	
L1144	ELEXT100KA	COIL	
L1145	ELEXT100KA	COIL	
L1146	TLT010K991R	COIL	
L1147	ELEXT100KA	COIL	
L1148	ELEXT100KA	COIL	
L1149	TLT100K991R	COIL	
L1150	ELEXT100KA	COIL	
L1151	ELEXT100KA	COIL	
L1152	TLT100K991R	COIL	
L1153	TLT100K991R	COIL	
L1154	TLT100K991R	COIL	
L2501	TLT056K991R	COIL	
LC601	TLK153162E	COIL	
1		•	

TRANSISTORS

Q101	2SC1685-TA	VIDEO BUFFER
Q104	2SC2636-T	VIF AMP
Q251	2SA564-S	POWER ON MUTE
Q303	2SC2636-T	PICTURE CONTROL
Q304	2SC1685-TA	BLANKING
Q306	UN4211TA	SWITCH
Q307	2SC2636-T	TRANSISTOR
Q308	2SC1685-TA	TRANSISTOR
Q309	2SC1685-TA	TRANSISTOR
Q310	2SC1685-TA	TRANSISTOR
Q311	2SC1685-TA	TRANSISTOR
Q351	2SC2923-RL	G VIDEO OUTPUT
Q352	2SC29/23-RL	B VIDEO OUTPUT
Q353	2SC2923-RL	R VIDEO OUTPUT
Q356	2SA719-TA	CRT DISCHARGE
Q501	2SD836-AL	H. DRIVE
Q507	UN4111TA	SPOT SUPP.
Q541	2SA564-S	TRANSISTOR
Q542	2SC1685-TA	TRANSISTOR
Q551	2SD1439-RL	H. OUTPUT
Q651	2SC1685-TA	CARRIER AMP
Q652	2 S A 5 6 4 - S	LUMINANCE AMP
Q655	2SC1685-TA	IDENT SWITCH
Q801		OVER CURRENT
	2SD965-R	STANDBY R/C
Q1110	2SC1688-TA	TRANSISTOR
Q1115	2SC1685-TA	TRANSISTOR
01116	2SC1685-TA	TRANSISTOR
	UN4111TA	BAND SWITCHING
	UN4111TA	BAND SWITCHING
-	UN4111TA	BAND SWITCHING
	UN4211TA	AFC DEFEAT SWITCH
	2SC1685-TA	AFC DEFEAT
Q1122	2SC1317-TA	5V REGULATOR
Q1123	2SC1685-TA	TRANSISTOR
	2SC1685-TA	TRANSISTOR
Q1125		SWITCH
Q1126	UN4211TA	SWITCH

Ref No.	Part No.	Description	
Q1127	2SC1685-TA	TRANSISTOR	
Q1128	UN4213TA	TRANS	
Q1129	UN4211TA	TRANSISTOR	
Q1130	2SC1685-TA	TRANSISTOR	
Q1134	2SC1685-TA	TRANSISTOR	
Q2501	2SC1685-TA	TRANSISTOR	
Q2502	2SA564-S	TRANSISTOR	
Q2503	2SC1685-TA	TRANSISTOR	
Q2504	2SC1685-TA	TRANSISTOR	

DEC	ICTOBC		
RES	ISTORS		
R14 R30	ERD25TJ185 ERD25TJ153	CARBON 0.25W 5% CARBON 0.25W 5%	1.8M 15K
R31	ERD25TJ222	CARBON 0.25W 5%	2. 2K
R70	ERG1ANJ153	METAL 1W 🛆 5%	15K
R102 R103	EVND4AA00B14 ERD25TJ822	VARIABLE RESISTOR CARBON 0.25W 5%	10K 8.2K
R104	ERD25TJ272	CARBON 0. 25W 5%	2. 7K
R106	ERD25TJ471	CARBON 0.25W 5%	470
R107	ERD25TJ562	CARBON 0.25W 5%	5.6K 2.2
R108 R110	ERD25TJ2R2 ERD25TJ101	CARBON 0.25W 5% CARBON 0.25W 5%	100
R111	ERD25TJ122	CARBON 0.25W 5%	1.2K
R112	ERD25TJ155	CARBON 0.25W 5%	1.5M
R113 R115	ERD25TJ333 ERD25TJ472	CARBON 0.25W 5% CARBON 0.25W 5%	33K 4.7K
R116	ERD25TJ391	CARBON 0.25W 5%	390
R119	ERD25TJ684	CARBON 0.25W 5%	680K
R120 R122	ERD25TJ471 ERD25TJ472	CARBON 0.25W 5% CARBON 0.25W 5%	470 4.7K
R124	ERD25TJ562	CARBON 0.25W 5%	5.6K
R126	ERD25TJ222	CARBON 0.25W 5%	2. 2K
R127 R128	ERD25TJ562 ERD25TJ562	CARBON 0.25W 5% CARBON 0.25W 5%	5.6K 5.6K
R129	ERD25TJ821	CARBON 0. 25W 5%	820
R130	ERD25TJ330	CARBON 0.25W 5%	33
R131 R201	ERD25TJ125 ERD25TJ471	CARBON 0.25W 5% CARBON 0.25W 5%	1.2M 470
R203	ERD25TJ472	CARBON 0. 25W 5%	4.7K
R206	ERD25TJ222	CARBON 0.25W 5%	2. 2K
R207 R251	EVND4AA00B53 ERG1ANJ331	VARIABLE RESISTOR METAL 1W △ 5%	5K 330
R252	ERD25TJ101	CARBON 0. 25W 5%	100
R253	ERD25TJ221	CARBON 0.25W 5%	220
R254 R256	ERD25TJ471 ERD25TJ332	CARBON 0.25W 5% CARBON 0.25W 5%	470 3.3K
R257	ERD25TJ3R3	CARBON 0.25W 5%	3.3
R258	ERQ1CJP120	FILM 1W 5% △	12
R259	ERD25TJ472	CARBON 0. 25W 5%	4.7K
R260 R261	ERD25TJ332 ERD25TJ103	CARBON 0.25W 5% CARBON 0.25W 5%	3.3K 10K
R301	ERD25TJ152	CARBON 0.25W 5%	1.5K
R302 R303	ERD25TJ561 ERD25TJ272	CARBON 0.25W 5%	560
R304	EVND4AA00B52	CARBON 0.25W 5% VARIABLE RESISTOR	2.7K 500
R305	ERD25TJ152	CARBON 0.25W 5%	1.5K
R306 R307	ERD25TJ122 ERD25TJ561	CARBON 0.25W 5% CARBON 0.25W 5%	1.2K 560
R308	ERD25TJ822	CARBON 0.25W 5%	8. 2K
R309	ERD25TJ822	CARBON 0.25W 5%	8.2K
R310 R311	ERD25TJ182 ERD25TJ102	CARBON 0.25W 5% CARBON 0.25W 5%	1.8K 1.0K
R313	ERD25TJ102	CARBON 0.25W 5%	1. 0K
R314	ERD25TJ102	CARBON 0.25W 5%	1.0K
R315 R316	ERD25TJ102 ERD25TJ471	CARBON 0.25W 5% CARBON 0.25W 5%	1.0K 470
R317	EVND4AA00B54	VARIABLE RESISTOR	50K
R318	ERD25TJ274	CARBON 0.25W 5%	270K
R319 R321	ERD25TJ563. EVND4AA00B24	CARBON 0.25W 5% VARIABLE RESISTOR	56K 20K
R322	ERD25TJ563	CARBON 0.25W 5%	56K
R324	ERD25TJ393	CARBON 0.25W 5%	39K
R325 R326	ERD25TJ102 ERD25TJ101	CARBON 0.25W 5% CARBON 0.25W 5%	1.0K 100
R327	ERD25TJ121	CARBON 0.25W 5%	120
R328	ERD25TJ102	CARBON 0.25W 5%	1.0K
R329 R330	ERD25TJ682 ERD25TJ103	CARBON 0.25W 5% CARBON 0.25W 5%	6.8K 10K
R331	EVUE2AM30B14	VARIABLE RESISTOR	10K
R332	ERD25TJ103	CARBON 0.25W 5%	10K
R333 R334	ERD25TJ103 ERD25TJ103	CARBON 0.25W 5% CARBON 0.25W 5%	10K 10K
R335	ERDS1TJ471	CARBON 0.5W 5%	470
R336	ERD25TJ273	CARBON 0.25W 5%	27K
R337 R338	ERD25TJ104 ERD25TJ102	CARBON 0.25W 5% CARBON 0.25W 5%	100K 1.0K
R339	ERD25TJ103	CARBON 0.25W 5%	10K
R340	ERD25TJ331	CARBON 0.25W 5%	330

Ref No	. Part No.	Description	
R345	ERO25CKF7151	METAL 0.25W 5% Δ	7.15K
R346 R347	ERO25CKF3001 ERD25TJ102	METAL 0.25W 5% ⚠ CARBON 0.25W 5%	3,00K 1,0K
R349	ERD25TJ123	CARBON 0.25W 5%	12K
R351 R352	ERG2ANJ822 ERG2ANJ822	METAL 2W △ 5% METAL 2W △ 5%	8.2K 8.2K
R353	ERG2ANJ822	METAL 2W A 5%	8.2K
R354 R355	ERD25TJ181 ERD25TJ271	CARBON 0.25W 5% CARBON 0.25W 5%	180 270
R356	ERD25TJ181	CARBON 0.25W 5%	180
R357 R358	EVN65AA00B22 EVN65AA00B22	VARIABLE RESISTOR VARIABLE RESISTOR	200 200
R359	ERD25TJ471	CARBON 0. 25W 5%	470
R360 R361	ERD25TJ471 ERD25TJ471	CARBON 0.25W 5% CARBON 0.25W 5%	470 470
R362 R364	EVN65AA00B53 EVN65AA00B53	VARIABLE RESISTOR	5K
R366	ERDS1TJ152	VARIABLE RESISTOR CARBON 0.5W 5%	5K 1.5K
R367 R369	ERDS1TJ152 EVN65AA00B53	CARBON 0.5W 5% VARIABLE RESISTOR	1.5K
R374	ERD25TJ104	CARBON 0.25W 5%	5K 100K
R375 R376	ERDS1TJ152 ERD25TJ103	CARBON 0.5W 5% CARBON 0.25W 5%	1.5K 10K
R377	ERD25TJ391	CARBON 0. 25W 5%	390
R380 R381	ERD25TJ102 ERD25TJ102	CARBON 0.25W 5% CARBON 0.25W 5%	1.0K 1.0K
R382	ERD25TJ822	CARBON 0. 25W 5%	8. 2K
R383 R384	ERD25TJ181 ERD25TJ102	CARBON 0.25W 5% CARBON 0.25W 5%	180 1.0K
R385	ERD25TJ153	CARBON 0.25W 5%	1.5K
R401 R402	ERD25TJ101 ERO25CKF8203	CARBON 0.25W 5% METAL 0.25W 5% ∆	100 820K
R404	ERD25TJ123	CARBON 0.25W 5%	12K
R423 R424	ERD25TJ105 ERD25TJ395	CARBON 0.25W 5% CARBON 0.25W 5%	1.0M 3.9M
R425	ERD25TJ683	CARBON 0.25W 5%	68K
R426 R452	ERD25TJ225 ERD25TJ182	CARBON 0.25W 5% CARBON 0.25W 5%	2, 2M 1, 8K
R453	ERD25TJ470	CARBON 0.25W 5%	47
R454 R456	ERD25TJ432 EVND4AA00B22	CARBON 0.25W 5% VARIABLE RESISTOR	4.3K 200
R458	ERDS1TJ132	CARBON 0.5W 5%	1.3K
R461 R464	ERDS1TJ2R2 ERD25TJ561	CARBON 0.5W 5% CARBON 0.25W 5%	2.2 560
R466	ERD25TJ272	CARBON 0.25W 5%	2.7K
R 4 6 9 R 4 7 2	ERD25TJ331 ERD25TJ223	CARBON 0.25W 5% CARBON 0.25W 5%	330 22K
R473	ERD25TJ332	CARBON 0.25W 5%	3.3K
R 4 8 1 R 4 8 2	ERD25TJ331 TSF19631	CARBON 0.25W 5% FUSABLE LINK	330
R483	ERD25TJ102	CARBON 0.25W 5%	1. 0K
R484 R502	ERD25TJ122 ERD25TJ124	CARBON 0.25W 5% CARBON 0.25W 5%	1, 2K 120K
R503	ERO25CKF3002 EVND4AA00B14	METAL 0.25W 5% Δ	30.0K 10K
R 5 0 4 R 5 0 5	ERD25TJ123	VARIABLE RESISTOR CARBON 0.25W 5%	12K
R506	ERD25TJ682	CARBON 0.25W 5%	6.8K
R507 R509	ERD25TJ2 72 ERD25TJ333	CARBON 0.25W 5% CARBON 0.25W 5%	2.7K 33K
R510	ERD25TJ222	CARBON 0. 25W 5%	2.2K
R511 R513	EVND4AA00B23 ERD25TJ102	VARIABLE RESISTOR CARBON 0.25W 5%	2K 1. 0K
R 5 1 4 R 5 1 5	ERD25TJ562 ERD25TJ471	CARBON 0, 25W 5% CARBON 0, 25W 5%	5.6K
R521	ERD25TJ561	CARBON 0.25W 5% CARBON 0.25W 5%	470 560
R 5 2 4 R 5 2 6	ERD25TJ561 ERD25TJ183	CARBON 0.25W 5% CARBON 0.25W 5%	560 18K
R527	ERD25TJ221	CARBON 0. 25W 5%	220
R528 R532	ERD25TJ275 ERD25TJ562	CARBON 0.25W 5% CARBON 0.25W 5%	2.7M 5.6K
R533	ERG2ANJ391	METAL 2W 🗘 5%	390
R534 R542	ERD25TJ332 ERD25TJ474	CARBON 0.25W 5% CARBON 0.25W 5%	3.3K 470K
R543	ERD25TJ103	CARBON 0.25W 5%	10K
R 5 4 5 R 5 4 6	ERD25TJ103 ERD25TJ823	CARBON 0.25W 5% CARBON 0.25W 5%	10K 82K
R547	ERD25TJ103	CARBON 0.25W 5%	10K
R548 R551	ERD25TJ183 ERF7ZK8R2	CARBON 0.25W 5% WOUND 7W 10%	18K 8.2
R552	ERQ12HJ1R2	FILM 0.5W 5% △	1.2
R554 R556	ERQ14AJ151 TSF19102	FILM 0.25W 5% △ FUSABLE LINK △	150
R557	ERQ1CJP3R9	FILM 1W 5% △	3.9
R558 R559	ERQ2CJP180 ERD25TJ274	FILM 2W 5% 🛆 CARBON 0.25W 5%	18 270K
R560	ERDS1TJ1R5	CARBON 0.5W 5%	1.5
R561 R562	ERD25TJ153 ERD25TJ154	CARBON 0.25W 5% CARBON 0.25W 5%	15K 150K
R 5 6 4	ERDS1TJ1R8	CARBON 0.5W 5%	1.8
R565 R602	ERQ1CJP681 ERD25TJ222	FILM 1W 5% Δ CARBON 0.25W 5%	680 2.2K

Pof No	Part No.	Description	
Ref No.	Part No.	Description	
R604 R606	ERD25TJ123 EVND4AA00B54	CARBON 0.25W 5% VARIABLE RESISTOR	12K 50K
R607	ERD25TJ102	CARBON 0. 25W 5%	1. 0K
R608	ERD25TJ122	CARBON 0.25W 5%	1.2K
R609	EVND4AA00B13	VARIABLE RESISTOR CARBON 0.25W 5%	10K
R610 R611	ERD25TJ391 ERD25TJ471	CARBON 0.25W 5% CARBON 0.25W 5%	390 470
R612	ERO25CKF1002	METAL 0.25W 5% △	10.0K
R614	ERO25CKF1002	METAL 0.25W 5% Δ	10.0K
R616 R617	ERD25TJ101 ERD25TJ101	CARBON 0.25W 5% CARBON 0.25W 5%	100 100
R618	ERD25TJ101	CARBON 0. 25W 5%	100
R626	ERD25TJ103	CARBON 0.25W 5%	10K
R628 R629	ERD25TJ682 ERD25TJ513	CARBON 0.25W 5% CARBON 0.25W 5%	6.8K 51K
R630	ERD25TJ103	CARBON 0.25W 5%	10K
R654	ERD25TJ152	CARBON 0.25W 5%	1.5K
R655 R656	ERD25TJ152 ERD25TJ222	CARBON 0.25W 5% CARBON 0.25W 5%	1.5K 2.2K
R657	ERD25TJ102	CARBON 0.25W 5%	1. 0K
R658	EVND4AA00B13	VARIABLE RESISTOR	10K
R661 R662	ERD25TJ562 ERD25TJ471	CARBON 0.25W 5% CARBON 0.25W 5%	5.6K
R663	ERD25TJ101	CARBON 0.25W 5% CARBON 0.25W 5%	470 100
R664	ERD25TJ331	CARBON 0.25W 5%	330
R665	ERD25TJ182	CARBON 0.25W 5%	1.8K
R672 R673	ERD25TJ272 ERD25TJ822	CARBON 0.25W 5% CARBON 0.25W 5%	2.7K 8.2K
R674	ERD25TJ822	CARBON 0. 25W 5%	8. 2K
R675	ERD25TJ102	CARBON 0.25W 5%	1.0K
R680 R681	ERD25TJ221 ERD25TJ182	CARBON 0.25W 5% CARBON 0.25W 5%	220 1.8K
R802	ERF5ZK4R7	WOUND 5W 10%	4.7
R803	ERDS1TJ564	CARBON 0.5W 5%	560K
R804 R805	ERDS1TJ333 ERDS1TJ333	CARBON 0.5W 5% CARBON 0.5W 5%	33K 33K
R810	ERDS1TJ3R9	CARBON 0.5W 5%	3.9
R811	ERW12PKR27	WOUND 0.5W A	0.27
R812 R813	ERG2ANJ121 ERG1ANJ683	METAL 2W	120 68K
R814	ERD75TAJ825	CARBON 0.75W 5%	8. 2M
R815	ERQ14AJ5R6	FILM 0.25W 5% 🛆	5.6
R816 R817	ERD25TJ222 ERDS1TJ683	CARBON 0.25W 5% CARBON 0.5W 5%	2.2K
R818	ERD25TJ274	CARBON 0.25W 5%	68K 270K
R820	ERDS1TJ473	CARBON 0.5W 5%	47K
R821	ERDS1TJ473	CARBON 0.5W 5%	47K
R822 R851	ERDS1TJ683 ERQ12HJ2R2	CARBON 0.5W 5% FILM 0.5W 5% ₫	68K 2.2
R852	ERQ1CKPR82	FILM 1W 5% Δ	0.82
R1108	ERD25TJ221	CARBON 0.25W 5%	220
R1109 R1110	TSF19631 ERD25TJ103	FUSABLE LINK 🗘 Carbon 0.25W 5%	10K
R1112	ERD25TJ103	CARBON 0.25W 5%	10K
R1116	ERD25TJ223	CARBON 0.25W 5%	22K
R1117 R1119	ERD25TJ103 ERD25TJ104	CARBON 0.25W 5% CARBON 0.25W 5%	10K 100K
R1120	ERD25TJ104	CARBON 0.25W 5%	100K
R1121	ERD25TJ102	CARBON 0.25W 5%	1. 0K
R1122 R1123	ERD25TJ102 ERD25TJ102	CARBON 0.25W 5% CARBON 0.25W 5%	1.0K 1.0K
R1124	ERD25TJ101	CARBON 0.25W 5%	100
R1125	ERD25TJ101	CARBON 0.25W 5%	100
R1126 R1127	ERD25TJ101 ERD25TJ101	CARBON 0.25W 5% CARBON 0.25W 5%	100 100
R1128	ERD25TJ101	CARBON 0.25W 5%	100
R1129	ERD25TJ101	CARBON 0.25W 5%	100
R1130	ERD25TJ101	CARBON 0.25W 5%	100
R1131 R1132	ERD25TJ392 ERD25TJ203	CARBON 0.25W 5% CARBON 0.25W 5%	3.9K 20K
R1133	ERD25TJ622	CARBON 0.25W 5%	6. 2K
R1134	ERD25TJ332	CARBON 0.25W 5%	3.3K
R1135 R1136	ERD25TJ822 ERD25TJ203	CARBON 0.25W 5% CARBON 0.25W 5%	8. 2K 20K
R1137	ERD25TJ622	CARBON 0.25W 5%	6. 2K
R1138	ERD25TJ332	CARBON 0.25W 5%	3.3K
R1139 R1140	ERD25TJ822 ERD25TJ273	CARBON 0.25W 5% CARBON 0.25W 5%	8.2K 27K
R1141	ERD2513273	CARBON 0.25W 5%	3.3K
R1142	ERD25TJ822	CARBON 0.25W 5%	8.2K
R1143 R1144	ERD25TJ822 ERD25TJ203	CARBON 0.25W 5% CARBON 0.25W 5%	8. 2K 20K
R1144	ERD25TJ103	CARBON 0.25W 5%	10K
R1146	ERD25TJ103	CARBON 0.25W 5%	10K
R1148	ERD25TJ103	CARBON 0.25W 5%	10K
R1150 R1152	ERD25TJ153 ERD25TJ221	CARBON 0.25W 5% CARBON 0.25W 5%	15K 220
R1153	ERD25TJ102	CARBON 0.25W 5%	1.0K
R1154 R1155	ERD25TJ472	CARBON 0.25W 5%	4.7K
R1155	ERD25TJ183 ERD25TJ123	CARBON 0.25W 5% CARBON 0.25W 5%	18K 12K
			12K

Ref No.	Part No.	Description	
R1157	ERD25TJ224	CARBON 0. 25W 5%	220K
R1158	ECKC1H103JB	CERAMIC 50V	10NF
R1159	ERD25TJ681	CARBON 0.25W 5%	680
R1160 R1161	ERD25TJ123 ERD25TJ563	CARBON 0.25W 5% CARBON 0.25W 5%	12K 56K
R1162	ERD25TJ222	CARBON 0. 25W 5%	2. 2K
R1163	ERD25TJ223	CARBON 0. 25W 5%	22K
R1164	ERD25TJ103	CARBON 0.25W 5%	10K
R1165	ERD25TJ562	CARBON 0.25W 5%	5.6K
R1166 R1167	ERD25TJ153 ERD25TJ222	CARBON 0.25W 5% CARBON 0.25W 5%	15K 2.2K
R1168	ERD25TJ472	CARBON 0. 25W 5%	4.7K
R1169	ERD25TJ123	CARBON 0.25W 5%	12K
R1170	ERD25TJ183	CARBON 0.25W 5%	18K
R1171 R1172	ERD25TJ222	CARBON 0.25W 5%	2.2K
R1173	ERD25TJ222 ERD25TJ104	CARBON 0.25W 5% CARBON 0.25W 5%	2.2K 100K
R1174	ERD25TJ222	CARBON 0. 25W 5%	2. 2K
R1175	ERD25TJ221	CARBON 0.25W 5%	220
R1176	ERD25TJ103	CARBON 0.25W 5%	10K
R1177 R1178	ERD25TJ153 ERD25TJ103	CARBON 0.25W 5% CARBON 0.25W 5%	15K 10K
R1179	ERD25TJ103	CARBON 0. 25W 5%	10K
R1180	ERD25TJ103	CARBON 0. 25W 5%	10K
R1183	ERD25TJ562	CARBON 0.25W 5%	5.6K
R1184	ERD25TJ151	CARBON 0.25W 5%	150
R1185 R1186	ERD25TJ562 ERDS1TJ561	CARBON 0.25W 5% CARBON 0.5W 5%	5.6K 560
R1187	ERD25TJ562	CARBON 0.25W 5%	5.6K
R1188	ERD25TJ203	CARBON 0. 25W 5%	20K
R1189	ERD25TJ622	CARBON 0.25W 5%	6.2K
R1190	ERD25TJ222	CARBON 0.25W 5%	2.2K
R1191 R1192	ERD25TJ332 ERD25TJ822	CARBON 0.25W 5% CARBON 0.25W 5%	3.3K 8.2K
R1194	ERD25TJ472	CARBON 0.25W 5%	4.7K
R1195	ERD25TJ512	CARBON 0.25W 5%	5.1K
R1196	ERD25TJ822	CARBON 0.25W 5%	8.2K
R1197	ERD25TJ103	CARBON 0.25W 5%	10K
R1198 R1199	ERD25TJ822 ERD25TJ103	CARBON 0.25W 5% CARBON 0.25W 5%	8.2K 1.0K
R1201	ERD25TJ152	CARBON 0.25W 5%	1.5K
R1202	ERD25TJ182	CARBON 0.25W 5%	1.8K
R1203	ERD25TJ152	CARBON 0.25W 5%	1.5K
R1206 R1207	ERD25TJ103 ERD25TJ102	CARBON 0.25W 5% CARBON 0.25W 5%	10K
R1214	ERD25TJ102	CARBON 0.25W 5% CARBON 0.25W 5%	1.0K 10K
R1215	ERD25TJ103	CARBON 0.25W 5%	10K
R1216	ERD25TJ103	CARBON 0.25W 5%	10K
R1217	ERD25TJ103	CARBON 0.25W 5%	10K
R1218 R1219	ERD25TJ101 ERD25TJ101	CARBON 0.25W 5% CARBON 0.25W 5%	100
R1219	ERD25TJ104	CARBON 0.25W 5%	100K
R1221	ERD25TJ683	CARBON 0.25W 5%	68K
R1601	ERD25TJ183	CARBON 0.25W 5%	18K
R1602	ERD25TJ274	CARBON 0.25W 5%	270K
R1603 R1604	EVND4AA00B15 ERD25TJ4R7	VARIABLE RESISTOR CARBON 0.25W 5%	100K 4.7
R1605	ERD25TJ101	CARBON 0.25W 5%	100
R1606	ERD25TJ101	CARBON 0.25W 5%	100
R2501	ERD25TJ101	CARBON 0.25W 5%	100
R2502 R2503	ERD25TJ222 ERD25TJ101	CARBON 0.25W 5% CARBON 0.25W 5%	2.2K 100
R2503	ERD25TJ750	CARBON 0.25W 5%	75
R2505	ERD25TJ681	CARBON 0.25W 5%	680
R2506	ERD25TJ680	CARBON 0.25W 5%	68
R2507	ERD25TJ103	CARBON 0.25W 5%	10K
R2508 R2509	ERD25TJ750 ERD25TJ180	CARBON 0.25W 5% CARBON 0.25W 5%	75 18
R2510	ERD25TJ560	CARBON 0.25W 5%	56
R2511	ERD25TJ180	CARBON 0.25W 5%	18
R2512	ERD25TJ560	CARBON 0.25W 5%	56
R2513 R2514	ERD25TJ180 ERD25TJ560	CARBON 0.25W 5% CARBON 0.25W 5%	18 56
R2514 R2515	ERD251J560	CARBON 0.25W 5%	47K
R2516	ERD25TJ104	CARBON 0.25W 5%	100K
R2517	ERD25TJ221	CARBON 0.25W 5%	220
R2518	ERD25TJ101	CARBON 0.25W 5%	100
R2519 R2520	ERD25TJ103 ERD25TJ104	CARBON 0.25W 5% CARBON 0.25W 5%	10K 100K
R2520 R2521	ERD251J104 ERD25TJ473	CARBON 0.25W 5% CARBON 0.25W 5%	47K
R2522	ERD25TJ103	CARBON 0.25W 5%	10K
R2601	ERD25TJ8R2	CARBON 0.25W 5%	8.2
R2625	ERD25TJ102	CARBON 0.25W 5%	1.0K
SWIT	CHES		

S301 S401 S1110 EVQR1AL13 EVQR4AL13 EVQQBH12T SERVICE SWITCH VERT. SHIFT VOL. UP

S1111 EVQQBH12T VOL. DOWN S11112 EVQQBH12T CH. UP	N
S1112 EVQQBH12T CH. UP	
S1113 EVQQBH12T CH. DOWN	
S1114 EVQQBH12G SEARCH UP	P
S1115 EVQQBH12G SEARCH DO	OWN
S1116 EVQQBH12T TV/AV	
S1117 EVQQBH12G PRESET	
S1118 EVQQBH12G NORMAL ST	TORE
S1119 EVQQBH12G STORE	
S1120 EVQQBH12T BRIGHT UP	P
S1121 EVQQBH12T BRIGHT DC	OWN
S1122 EVQQBH12T COLOUR UP	P
S1123 EVQQBH12T COLOUR DC	OWN
S1124 EVQQBH12G H.S SEARC	СН

Ref No.	Part No. Desc	ription
TRAN	SFORMERS	
T201	EIS1EG014B	TRANSFORMER
T202	EIS7ES710B	SIF TRANSFORMER
T531	ETH19Y53AY	TRANSFORMER
T801 △	ETS42K610A	CHOPPER TRANSFORMER
Т802 ₫	ETP35KE65E	TRANSFORMER
FILTE	RS	
X101	SW174A	FILTER
X201	EFCS5R5MS3	FILTER
X301	EFCA4R43MB3	FILTER
	TSS2003-M	CRYSTAL
X601	100200	